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General Bulletin 691

Commonwealth of Pennsylvania
David L. Lawrence, Governor

Department of Agriculture
William L. Henning, Secretary

APR 5 1962

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COMMONWEALTH OF PENNSYLVANIA

Department of Agriculture

Harrisburg

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William L. Henning

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DISTRICT OFFICES

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Central offices of all bureaus of the Pennsylvania Department of Agriculture and the State Soil Conservation Commission are located in the South Office Building, Harrisburg. The Farm Show office is on the second floor, front, of the Farm Show Building, Cameron and Maclay Streets, Harrisburg

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COVER: Clean water, abundant timber supplies and good outdoor recreation depend on the wise use and care of the land. The Department's Soil Conservation Commission encourages practices to improve soil and water resources. The result is a more profitable and enjoyable life for all of Pennsylvania's 11 million citizens.

(Foreground, N. G. Hershey Farm, background, Nora Myer Farm, Lancaster County, Pennsylvania. Photo by Grant Heilman, Lititz, Pennsylvania)

OUR CHANGING AGRICULTURE

For the first time since Colonial days, the number of farms in Pennsylvania has dropped below 100,000. The trend toward fewer farms is even more sharply illustrated by the fact that as recently as 35 years ago, there were 200,000 farms in the Commonwealth.

Does it mean that 1962 portends a doubtful future for Pennsylvania farmers?

The answer is an emphatic, "No!"

Far from being a declining industry, Pennsylvania agriculture grew in 1961 and will show further growth this year.

The answer is simple. Agricultural efficiency is moving ahead at such a rate that it takes fewer farms and fewer farmers to produce the increased goods which are needed by our regularly increasing population.

The official estimate for January 1, 1962 was for 96,000 farms in our state. There has been an increase of average farm size from 120 acres to 124 acres.

Typical of this continuing "expanding while contracting" is our important milk industry. Comparing 1961 with the expectations for 1962, there are 884,000 milk cows and there will be about 885,000. More important than this slight increase in cow population is the fact that annual production per cow will increase from 7,700 pounds to about 7,800 pounds. The result will be some 90 million more pounds of milk for 1962.

The changing nature of agriculture is reflected in our own Department. Established by the Legislature in 1895, the Department through the years reorganized several boards and commissions until reaching today's structure of four Bureaus and two Commissions: Bureau of Animal Industry, Bureau of Plant Industry, Bureau of Markets, Bureau of Foods and Chemistry, State Farm Products Show Commission and State Soil Conservation Commission.

Programs within these Bureaus and Commissions are adjusted regularly to meet the changing needs. We enjoy increasing cooperation on joint projects with other state agencies, the United States Department of Agriculture, The Pennsylvania State University, farm organizations and allied industries.

Looking ahead we anticipate greater attention to such complex problems as basic land use, rural zoning, self-help programs among producers, decentralization of administrative services and participation in projected federal programs of rural area development, soil conservation and small watershed development.

Livestock disease control work is a major function of the Bureau of Animal Industry. For sheep scabies eradication, the Bureau maintains five dipping vats and provides facilities without charge to owners of infested flocks.



Animal Industry

Much of Pennsylvania's agricultural wealth is derived from what is termed "animal agriculture." This means that most Pennsylvania farmers are in the business of converting grass and hay and grains into milk and meat and eggs by maintaining livestock and poultry farms.

Since there is a huge population of livestock and poultry on the 100,000 farms in Pennsylvania—chickens are numbered in the millions and nearly a million cows are milked each day—the specter of a disease epidemic haunts the livestock and poultry farmer daily. Such an epidemic would be economic catastrophe for the farmer and would have serious repercussions throughout Pennsylvania as normal milk and food supplies were lost.

The Bureau of Animal Industry through education of livestock and poultry farmers, knowledge of disease control problems and organized control programs keeps the herds and flocks of Pennsylvania healthy and productive. The newest knowledge and latest techniques are used to combat such costly diseases as tuberculosis, sheep scabies, brucellosis, rabies, Pullorum, para-tuberculosis and hog cholera.

The Department also maintains five diagnostic laboratories to aid in disease control through detection, diagnosis, and reporting of diseases.

Directly contributing to the consuming public is the meat hygiene division of BAI. This division inspects packing houses and meat markets to assure consumers that meat has been properly handled. Cattle dealers, auction markets and rendering plants are also licensed by the Bureau.

Other functions of the Bureau are to regulate domestic mink farms and to supervise the licensing of dogs.



The quality of Pennsylvania meat products is constantly surveilled. The Bureau of Foods and Chemistry uses modern Kjeldahl equipment to determine the protein content of sausage.

Foods & Chemistry

When you buy food at your local grocery store, you want to be sure not only that it tastes good, but that it is also wholesome and has been prepared under sanitary conditions. The Bureau of Foods and Chemistry is on the job to see that these two conditions are fulfilled.

At the same time, farmers buying animal feeds and fertilizers rely on a tag for a guarantee that they are receiving full value for their money. This guarantee is also checked by the Bureau and the results of the analyses are published.

Among the state laws which are enforced by the Bureau in addition to the General Food Law, are specific laws related to ice cream, bakery products, sausage, oleomargarine, soft drinks, animal feed, fertilizer, pesticides and lime. Many of these laws require registration and licensing.

The Division of Milk Sanitation annually issues more than 3,000 permits to dairies in Pennsylvania and adjacent states which sell milk in Pennsylvania. These plants are inspected regularly by the Bureau. Employees of dairies are certified to inspect dairy farms to see that cows and milk are being handled in a manner to insure rigid standards of quality.

Samples of food, animal feed, fertilizer and agricultural limestone are collected by agents of the Bureau throughout the state for laboratory inspection in the Bureau's facilities in Harrisburg. Any person or firm found to be in violation of the law is subject to prosecution. Happily, serious violations are rare and often are accidental rather than an outright attempt to defraud.

Markets

Production of food is not the single aim of the farmer today. He realizes that his food must reach the consumer rapidly and at the peak of quality before he can consider his job completed.

Many factors are involved in this huge task which is termed "marketing." The agency of the Pennsylvania Department of Agriculture specifically assigned to aid farmers in this field is the Bureau of Markets.

To insure quality, much of the work of the Bureau involves inspection and grading. Fresh fruits, fresh vegetables, eggs, and fruits and vegetables for processing are inspected and graded under official standards by skilled employes of the Bureau.

In the poultry and egg field, the Bureau of Markets starts to promote a high quality product before it ever appears by encouraging breeding and use of chickens and turkeys with superior qualities. Operation of the Pennsylvania Random Sample Egg Laying Test and the Pennsylvania Turkey Meat Production Test is under supervision of the Bureau of Markets. Both tests are designed to give the farmer basic information on the abilities of various strains of birds.

The food business is one of the most competitive in the nation. Promotion of Pennsylvania's farm products is also a task of the Bureau of Markets. Specialists use all the media of modern mass communications to tell the people of Pennsylvania about the quality of the products grown in the Keystone State. Marketing specialists also have tested consumer reactions of various foods and have offered suggestions to industry groups on how to increase demand for their products.

Market facilities specialists have started surveys in the major food markets of Pennsylvania to determine how well the system is operating and will give local authorities specific recommendations for improvements.

Promotion of Pennsylvania agricultural commodities by use of all publicity media is a year-round activity of the Bureau of Markets. The State's multi-million dollar flower industry is shown being given a boost by Joan Klein, television commentator, and John Early, of the Bureau's staff.





The job of apiary inspectors of the Bureau of Plant Industry is to check for the presence of bee brood diseases. If diseases are found, the broods are destroyed and the hives disinfected.

Plant Industry

Man's activities in agriculture, commerce and industry cause a continual unbalance in the various life forms of a given area. This unbalance increases the abundance of plant pests.

To prevent valuable plants from being destroyed, the Bureau of Plant Industry is concerned with control measures required to protect most agricultural crops.

Many pests are small and lead a rather complicated life. To illustrate, the black stem rust, a serious disease of cereal crops, spends a portion of its life on the leaves of the European Barberry. Removal of this host plant from large areas practically eradicates the disease from small grains.

Buyers of nursery stock are protected by the inspection service of the Bureau. Infested plants must receive proper treatment before being permitted to be legally sold.

To assure an adequate supply of superior crop seeds for the farmers of the state, inspection is made of growing plants to certify that seeds produced are of pure strain and adaptable for growing conditions in the various areas of the Commonwealth.

Beekeeping is important to the well-being of agriculture, particularly to plants which require insects as pollinators. The apiaries of the state are inspected for the presence of bee diseases, especially those which affect the brood or young developing bees.

Farm Show

Pennsylvania has an economy and a productivity that are truly fabulous. Once a year the full flower of Pennsylvania's richness is held up to the mirror that is the Pennsylvania Farm Show.

The Farm Show Commission, headed by the Secretary of Agriculture, and composed of outstanding agriculturalists and educators, annually ventures into the realm of "show business" to bring to Pennsylvania the abundance and accomplishments of the Keystone State's business and industry with the emphasis, of course, on agriculture. With no carnival or midway to detract, the Farm Show demonstrates the benefits to be accrued from the adoption of new ideas in agriculture and the stature of Pennsylvania as a farming state.

The Farm Show is a great educational opportunity. Woven into the fabric of the show are the finest in farm production, livestock raising, industry and culture. It is a colorful panorama that makes for exciting learning.

In recent years, the Farm Show Commission has assumed supervision of the Pennsylvania Livestock Exposition, an open beef cattle, swine and sheep show. Whereas the Farm Show is open to only Pennsylvania exhibitors, the Pennsylvania Livestock Exposition accepts entries from any state or province of Canada.

The sheep department of the Exposition has been acclaimed as the best indoor sheep show in the nation. Entries in the swine department have always been filled to capacity and the beef cattle show ranks with the best.

Pennsylvania's junior dairymen are given an opportunity each autumn to display the best of their calves, heifers and cows at the all blue ribbon State Junior Dairy Show held in the Farm Show Building.

The best that Pennsylvania agriculture has to offer may be seen at Farm Show time. Its many features hold an interest for both young and old.





Ponds are popular elements in conservation plans developed by soil conservation districts. Technical design assistance and supervision of construction are provided.

Soil Conservation

The Secretary of Agriculture, by virtue of his office, is chairman of the State Soil Conservation Commission.

The Commission's work is largely educational, explaining the purpose and operation of Soil Conservation Districts by use of literature, articles, slide talks, films and other media. It encourages the formation of new districts and helps County Commissioners organize them once created by resolution. Clerical aid, funds and other assistance are furnished Pennsylvania's 59 Soil Conservation Districts now organized.

Of special interest to urban and rural dwellers is a new 16 millimeter color film, entitled "Beyond Tomorrow," portraying the accomplishments of Pennsylvania's soil conservation districts. The 25-minute film is available for showings without charge through the State Soil Conservation Commission.

Special activities of the Commission include the administration of the State appropriation for the cooperative federal-state soil survey program and support of research with the U. S. Geological Survey to measure the effects of conservation on stream flow and siltation. The Commission acts as the Governor's representative in approving small watershed flood prevention programs under U. S. Public Law 566.

Steady progress in all areas of the Pennsylvania conservation program has been noted by the Commission. Pennsylvania has a long history marked by good farming practices. Farmers in the Commonwealth were among the first to recognize the need for fertilizers, water control and other similar practices designed to stop erosion and maintain the productivity of Pennsylvania's soils.

It is the policy of the Commission to assist local private watershed organizations wherever possible. Applications for assistance under the Watershed Protection and Flood Prevention Act (U. S. Public Law 566) are checked by Commission staff members.



During growing seasons, staff members of the Pennsylvania Crop Reporting Service tour the state to investigate local crop conditions. This is just one of the checks used by the Service to insure that information is timely and accurate.

Crop Reporting

"A man's judgment is no better than the facts upon which it is based." The primary function of the Pennsylvania Crop Reporting Service is to provide the basic agricultural facts on which the judgment of all those interested in Pennsylvania agriculture may be based.

Weekly, monthly and seasonal reports are received from thousands of volunteer reporters including farmers, businessmen, terminal markets, auction markets, mills and elevators and processors throughout the Commonwealth.

Facts gathered and disseminated by the Service include acreage, yield, production and value of principal crops, livestock numbers, and production of livestock products and their values. A summary of crop and weather conditions is issued weekly during the crop season in Pennsylvania.

In addition, special projects are conducted on production and marketing practices which are financed by Federal-State matched funds. Other governmental agencies such as Market News Service and Inspection Service, both Federal and State, lend assistance from time to time to insure that the most accurate and current data is made available to the public.

The Pennsylvania Crop Reporting Service is operated jointly by the U. S. Department of Agriculture and the Pennsylvania Department of Agriculture. Federal funds provide for a basic program of crop and livestock estimates as a whole, while State funds enable the preparation and publishing of more detailed data on the local or county level.

PENNSYLVANIA AGRICULTURAL ORGANIZATIONS

(With name and address of Secretary)

- STATE COUNCIL OF FARM ORGANIZATIONS—O. W. Rittenhouse, 1604 N. 2nd St., Harrisburg
- PENNSYLVANIA STATE GRANGE—O. W. Rittenhouse, 1604 N. 2nd St., Harrisburg
- PENNSYLVANIA FARMERS ASSN.—Hollis A. Hatfield, 21st & Chestnut Sts., Camp Hill
- SOCIETY OF FARM WOMEN OF PENNSYLVANIA—Mrs. Joseph E. Whitaker, Halifax RD 2
- PENNSYLVANIA ASSN. OF FARMER COOPERATIVES—Glenn G. Carter, 103 E. Beaver Ave., State College
- PENNSYLVANIA FARM BUREAU FEDERATION—Robert Leslie, Sarver RD 2
- PENNSYLVANIA FARM BUREAU COOPERATIVE ASSN.—Robert Leslie, Sarver RD 2
- COOPERATIVE G.L.F. EXCHANGE, INC.—R. B. Gervan, G.L.F. Building, Ithaca, N.Y.
- EASTERN STATES FARMERS EXCHANGE, INC.—W. D. Milsop, West Springfield, Massachusetts (Gen. Mgr.)
- DAIRYMEN'S COOPERATIVE SALES ASSN.—Homer H. Martz, 451 Century Bldg., Pittsburgh 22
- DAIRYMEN'S LEAGUE COOPERATIVE ASSN., INC.—Glenn Talbott, Hume, N.Y.
- EASTERN MILK PRODUCERS' COOPERATIVE ASSN., INC.—John C. York, Kinne Rd., Syracuse 14, N.Y.
- INTER-STATE MILK PRODUCERS' COOPERATIVE—Clara Gallagher, 401 N. Broad St., Philadelphia
- PENNSYLVANIA DAIRYMEN'S ASSN.—Charles E. Cowan, 2025 Bloomingdale Ave., Lancaster
- COUNTRY BELLE COOPERATIVE FARMERS—Wendell J. Smith, Butler RD 4
- PENNSYLVANIA AYRSHIRE BREEDERS ASSN.—Mrs. Ellis Johnson, RD 1, Ottsville
- PENNSYLVANIA STATE BROWN SWISS ASSN.—Earl Nicolls, RD 1, Conneautville
- PENNSYLVANIA GUERNSEY BREEDERS ASSN.—William H. Juzi, Bus. Mgr., P.O. Box 458, Camp Hill
- PENNSYLVANIA HOLSTEIN ASSN., INC.—William C. Niehol, 227 W. Beaver Ave., State College
- PENNSYLVANIA JERSEY CATTLE CLUB, INC.—Mrs. Jacob M. Brunges, Tunkhannock
- PENNSYLVANIA MILKING SHORTHORN SOCIETY—Donald Means, Shippensburg, Star Rt. 2
- PENNSYLVANIA RAW MILK PRODUCER-DISTRIBUTORS' ASSN.—Mrs. J. Louis Baker, Beallsville
- PENNSYLVANIA DAIRY AND LIVESTOCK HEALTH COMMITTEE—J. Philip Stover, Bellefonte RD 2
- PENNSYLVANIA ASSN. OF ARTIFICIAL BREEDING COOPERATIVES—J. Lewis Williams, Uniontown RD 2
- PENNSYLVANIA DAIRY GOAT ASSN.—Mrs. Clarence M. Fantomi, Manchester RD 1
- PENNSYLVANIA LIVESTOCK & ALLIED INDUSTRIES ASSN., INC.—Ernest S. Burch, P.O. Box 361, Harrisburg
- PENNSYLVANIA ANGUS ASSN., INC.—Dr. Robert R. Stoner, RD 1, Lewisberry
- PENNSYLVANIA HEREFORD BREEDERS ASSN.—Robert Spears, Saltsburg RD 2
- PENNSYLVANIA POLLED HEREFORD ASSN.—Mrs. Maurice Wagner, Parker
- PENNSYLVANIA SHORTHORN BREEDERS' ASSN.—Fred E. Smalstig, 10 Sherman St., Pittsburgh 9
- PENNSYLVANIA SHEEP AND WOOL GROWERS ASSN.—Stan Gates, Lafayette Hill
- PENNSYLVANIA PUREBRED SHEEP BREEDERS ASSN.—Stan Gates, Lafayette Hill
- PENNSYLVANIA CORRIEDALE BREEDERS ASSN.—Aldo Mazero, Box 342, Herminie
- PENNSYLVANIA COOPERATIVE SWINE BREEDERS ASSN.—George E. Cogley, Ronks RD 1
- PENNSYLVANIA BERKSHIRE BREEDERS ASSN.—Robert Hubler, Lewisburg RD 1

PENNSYLVANIA CHESTER WHITE SWINE BREEDERS ASSN.—J. Harold Little, 1009 York St., Hanover

PENNSYLVANIA DUROC SWINE BREEDERS ASSN.—Clyde W. McConaughy, Smicksburg

PENNSYLVANIA HAMPSHIRE SWINE BREEDERS ASSN.—Ralph Dietz, Palmyra

PENNSYLVANIA HEREFORD SWINE ASSN.—Carroll F. Hunt, Stewartstown

PENNSYLVANIA LANDRACE SWINE BREEDERS ASSN.—James Z. Martin, Christiana RD 1

PENNSYLVANIA POLAND CHINA BREEDERS ASSN.—Lawrence L. Showers, Milton RD 2

PENNSYLVANIA SPOTTED POLAND CHINA BREEDERS ASSN.—C. Warren Leininger, Denver RD 2

PENNSYLVANIA YORKSHIRE CLUR—George E. Cogley, Ronks RD 1

PENNSYLVANIA HORSE AND MULE ASSN.—William S. Cruikshank, Valencia RD 2

PENNSYLVANIA HORSE BREEDERS ASSN.—Owen B. Rhoads, Paoli

PENNSYLVANIA POULTRY FEDERATION—John Copenhaver, Box 107, Elizabethtown

TURKEY DIVISION, PENNSYLVANIA POULTRY FEDERATION—Paul Konhaus, Mechanicsburg RD 1

PENNSYLVANIA EGG MARKETING ASSN.—E. J. Lawless, Jr., 131A South Office Bldg., Harrisburg

PENNSYLVANIA FRUIT MARKETING COOPERATIVE, INC.—Ralph W. Tyson, Gardners

PENNSYLVANIA HORTICULTURAL COUNCIL—Jack R. Grey, 25 N. Duke St., York

STATE HORTICULTURAL ASSN. OF PENNSYLVANIA—John Ruef, 262 E. Irvin Ave., State College

PENNSYLVANIA RED CHERRY GROWERS ASSN.—M. H. Southwick, North East

PENNSYLVANIA VEGETABLE GROWERS ASSN.—Rudy Grob, 2063 Stone Mill Rd., Lancaster

PENNSYLVANIA COOPERATIVE POTATO GROWERS, INC.—Leon Epler, Northumberland RD 1

PENNSYLVANIA STATE BEEKEEPERS ASSN.—Robert Crimbring, Canton RD 1

PENNSYLVANIA CHRISTMAS TREE GROWERS ASSN.—Marlin L. Koch, New Ringgold RD 2

PENNSYLVANIA NUT GROWERS ASSN.—George G. Weber, 748 S. Queen St., York

MUSHROOM GROWERS COOPERATIVE ASSN. OF PENNSYLVANIA—Anthony Citino, Box 375, Kennett Square

PENNSYLVANIA CROP IMPROVEMENT ASSN., INC.—V. A. Houston, Box 536, State College

PENNSYLVANIA FOUNDATION SEED COOPERATIVE—Floyd Imes, Pa. Farm Bureau Co-op., Manheim

PHILADELPHIA SOCIETY FOR PROMOTING AGRICULTURE—Dr. Mark W. Allam, School of Veterinary Medicine, 39th & Pine Sts., Phila. 4

PENNSYLVANIA RURAL SAFETY COUNCIL—O. W. Rittenhouse, 1601 N. 2nd St., Harrisburg

PENNSYLVANIA YOUNG FARMERS ASSN.—Vincent Becker, Lititz RD 3

PENNSYLVANIA FLYING FARMERS ASSN.—Merle Smith, Box 447A, Lewistown RD 1

FUTURE FARMERS OF AMERICA—David P. Martin, Denver RD 1

FUTURE HOMEMAKERS OF AMERICA—Katherine Adams, Saegertown RD 1

PENNSYLVANIA FLOWER GROWERS—Glenn A. Marburger, Box 652, Harrisburg

PENNSYLVANIA RETAIL FLORISTS—Harold J. Fishbein, Box 876, State College

PENNSYLVANIA NURSERYMEN'S ASSN.—H. Leland Whitfield, Jr., Sybertsville

PENNSYLVANIA ASSN. OF SOIL CONSERVATION DISTRICT DIRECTORS—Raymond Huber, Macungie RD 1

ALLIED ORGANIZATIONS

- PENNSYLVANIA CANNERS ASSN.—Miss R. M. Mears, 25 N. Duke St., York
- PENNSYLVANIA MEAT PACKERS ASSN.—E. R. Habersett, Media
- PENNSYLVANIA RETAIL FARM AND INDUSTRIAL EQUIPMENT ASSN.—Robert F. Hartford, 2nd Ave. & White Horse Rd., Phoenixville
- PENNSYLVANIA STATE VETERINARY MEDICAL ASSN.—Dr. Palace H. Seitz, Box 403, Harrisburg
- PENNSYLVANIA FUR BREEDERS ASSN.—William Muir, Spangler RD 1
- PENNSYLVANIA POULTRY PROCESSORS ASSN.—E. J. Lawless, Jr., 131A South Office Bldg., Harrisburg
- PENNSYLVANIA ASSN. OF MILK DEALERS—Henry R. Geisinger, 303 Telegraph Bldg., Harrisburg (Exec. Vice Pres.)
- ATLANTIC DAIRY ASSN.—Clara Gallagher, 401 N. Broad St., Philadelphia
- DAIRY COUNCIL, INC. OF PHILADELPHIA—Dr. E. G. Lechner, 234 S. 22nd St., Philadelphia
- PITTSBURGH DISTRICT DAIRY COUNCIL—Walter J. Clouse, 217 N. Craig St., Pittsburgh 13
- PENNSYLVANIA APPROVED DAIRY LABORATORY DIRECTORS ASSN.—Dr. J. Frank Cone, 1 Patterson Bldg., University Park
- PENNSYLVANIA AGRICULTURAL REPORTERS ASSN.—George A. Van Horn, 4 Armsby Bldg., University Park
- PENNSYLVANIA STATE ASSN. OF TOWNSHIP SUPERVISORS—H. A. Thomson, 11 S. Valley Rd., Paoli
- PENNSYLVANIA STATE ASSN. OF COUNTY COMMISSIONERS—Dee Miller, Court House, Indiana
- PENNSYLVANIA STATE BANKERS ASSN., COMMITTEE ON AGRICULTURE—Belden L. Daniels, 23 N. Front St., Harrisburg
- PENNSYLVANIA BAKERS ASSN.—Theo. Staab, 600 N. 3rd St., Harrisburg
- PENNSYLVANIA MILLERS AND FEED DEALERS ASSN.—Donald W. Parke, 43 1/2 E. Main St., Ephrata
- PENNSYLVANIA SEEDSMEN'S ASSN.—Charles C. Abbott, 701 S. Front St., Philadelphia 47
- KEYSTONE CHAPTER, SOIL CONSERVATION SOCIETY OF AMERICA—William N. Gorst, Gibsonia RD 5
- PENNSYLVANIA STATE ASSN. OF COUNTY FAIRS—Wm. Arthur Morris, 2924 N. 5th St. Highway, Reading
- PENNSYLVANIA CHAIN STORE COUNCIL—Loyal D. Odhner, 808 Liberty Trust Bldg., Philadelphia 7
- PENNSYLVANIA GROCERS ASSN.—William A. Hubbs, Jr., 3701 N. Broad St., Philadelphia 40
- ENTOMOLOGICAL SOCIETY OF PENNSYLVANIA—E. J. Udine, 123 E. Park Ave., State College
- PENNSYLVANIA PLANT FOOD EDUCATIONAL SOCIETY, INC.—Robert Thomas, 302 Armsby Bldg., University Park
- KEYSTONE BOTTLERS ASSN.—Asa L. Day, 264 Carey Ave., Wilkes-Barre

COUNTY SOIL CONSERVATION DISTRICT SECRETARIES

- ADAMS W. Clayton Jester, RD 2, Biglerville
- ALLEGHENY Eugene Coyne, SCS Office, P.O. Bldg., Pittsburgh
- BEAVER (To be appointed)
- BEDFORD Eugene Coyne, 420 Grant Bldg., Pittsburgh 19
- BERKS Mrs. Anna Kauffman, Leesport
- BRADFORD..... Robert Evans, County Supt. of Schools Office, Towanda
- BUCKS Harry Atkinson, Jr., Box 922, Newtown

BUTLER Harry Hagan, Court House, Butler
 CAMBRIA Miss Margaret Brown, Court House, Ebensburg
 CARBON Leroy Faust, RD 1, Weatherly
 CENTRE Harold Boone, RD, Howard
 CHESTER Robert G. Struble, 405 F & M Bldg., West Chester
 CLARION Robert A. Hartman, RD 1, New Bethlehem
 CLEARFIELD (To be appointed)
 CLINTON Mrs. Phoebe Fox, 211 Henderson St., Loek Haven
 COLUMBIA Paul W. Shultz, RD 1, Bloomsburg
 CRAWFORD James Dunn, SCS Office, Court House, Meadville
 CUMBERLAND Donald Deekman, So. Middleton Twp., Boiling Springs
 DAUPHIN George Moore, 646 Center St., Millersburg
 ERIE John Phillips, North East
 FAYETTE Mrs. Jacob Cover, RD 2, Smithfield
 FRANKLIN Dale Brindle, Court House, Chambersburg
 FULTON Jean Churchill, 802 E. Poplar St., McConnellsburg
 GREENE Arthur Biddle, RD 1, Carmichaels
 HUNTINGDON Charles Klingler, 120 W. Water St., Mt. Union
 INDIANA Robert H. Nehrig, RD 2, Homer City
 JEFFERSON Loye Startzell, 11 W. Taylor St., Brookville
 JUNIATA John Kline, RD, Mifflintown
 LACKAWANNA Thomas Snyder, Jermyn
 LANCASTER H. E. Givler, 1711 Lincoln Highway East, Laneaster
 LAWRENCE (To be appointed)
 LEBANON E. M. Swanger, 2011 Hill St., Lebanon
 LEHIGH Raymond L. Huber, RD 1, Maeungie
 LYCOMING Joseph Sick, RD 1, Montoursville
 MCKEAN Mrs. Kay Burford, 29 Center St., Smethport
 MERCER David F. Shontz, Court House, Mercer
 MIFFLIN Clyde W. Krepps, RD 1, MeVeytown
 MONROE Raymond Alleger, RD 3, East Stroudsburg
 MONTGOMERY C. F. H. Wuesthoff, 2835 Swede Rd., Norristown
 MONTOUR John Rohb, RD 1, Turbotville
 NORTHAMPTON (To be appointed)
 NORTHUMBERLAND Eugene Meckley, Court House Annex, Sunbury
 PERRY Clair Benner, RD 2, Millerstown
 PIKE Mrs. Rudolph Ludwig, Box 191, Milford
 POTTER Henry W. Staiger, Court House, Coundersport.
 SCHUYLKILL Byron Breisch, Ringtown
 SNYDER Albert B. Drumbheller, RD, Middleburg
 SOMERSET Mrs. Ruth Crouse, SCS Office, 166 E. Union St., Somerset
 SULLIVAN William Saxe, Star Rt., Dushore
 SUSQUEHANNA Mrs. Miller Page, Susquehanna
 TIOGA Laura L. Lawton, Court House, Wellsboro
 UNION Robert Holman, RD 1, Mifflinburg
 VENANGO Harry Fowler, Court House, Franklin
 WARREN J. R. Reddicliff, 100 Lansing St., North Warren
 WASHINGTON William Hutchinson, 335 Jefferson Ave., Washington
 WAYNE Wesley C. Eastman, 1417 West St., Honesdale
 WESTMORELAND Ford Frank, So. Huntingdon Twp. School, Ruffsedale
 WYOMING Raynold Wilson, Mehoopany
 YORK Thomas M. Malin, County Supt. of Schools Office, York

AMERICAN BREED RECORD ASSOCIATIONS

(Names and Headquarters Addresses of Associations)

HORSES

DRAFT BREEDS

BELGIAN DRAFT HORSE CORP. OF AMERICA, 282 S. Wabash St., Wabash, Indiana
CLYDESDALE BREEDERS' ASSOCIATION OF THE U.S.—Goff Bldg., Clarksburg, W. Va.
STANDARD JACK AND JENNY REGISTRY—c/o Sugarloaf Farm, Lexington RD 2, Ky.
AMERICAN SHIRE HORSE ASSOCIATION—P.O. Box 132, Station A., Ames, Iowa
PERCHERON HORSE ASSOCIATION OF AMERICA—Box 101, RD 1, Fair Oaks, Indiana
AMERICAN SUFFOLK ASSOCIATION—Clinton, N. J.
AMERICAN CREAM DRAFT HORSE ASSOCIATION—Hubbard, Iowa

LIGHT BREEDS

THE ARABIAN HORSE CLUB REGISTRY OF AMERICA—120 S. LaSalle St., Chicago 3, Ill.
AMERICAN HACKNEY HORSE SOCIETY—11 Park Place, New York 7, N. Y.
THE MORGAN HORSE CLUB—90 Broad St., New York 4, N. Y.
AMERICAN SADDLE HORSE BREEDERS' ASSOCIATION—929 S. 4th St., Louisville 3, Ky.
AMERICAN SHETLAND PONY CLUB—Box 648, Lafayette, Indiana
UNITED STATES TROTTING ASSOCIATION—1349 E. Broad St., Columbus 16, Ohio
THE JOCKEY CLUB—300 Park Ave., New York 22, N. Y.
WELSH PONY AND COB SOCIETY OF AMERICA—Edwardsville, Va.
WALKING HORSE BREEDERS' ASSOCIATION OF AMERICA—P. O. Box 87, Lewisburg, Tenn.
AMERICAN QUARTER HORSE ASSOCIATION—P. O. Box 271, Amarillo, Texas
CLEVELAND BAY ASSOCIATION—A. Mackey Smith, White Post, Va.
PALOMINO HORSE BREEDERS OF AMERICA, INC.—P. O. Box 82, Mineral Wells, Texas
AMERICAN ALRINO HORSE CLUB—Naper, Nebraska
APPALOOSA HORSE CLUB—Box 640, Moscow, Idaho
MOROCCO SPOTTED HORSE CO-OP. ASSN. OF AMERICA—Greenfield, Iowa
PALOMINO HORSE ASSN.—22049 Devonshire St., Chatsworth, Calif.

BEEF AND DUAL-PURPOSE CATTLE

AMERICAN ANGUS ASSOCIATION—3201 Frederick Blvd., St. Joseph, Mo.
AMERICAN HEREFORD ASSOCIATION—Hereford Drive, Kansas City, Mo.
AMERICAN POLLED HEREFORD BREEDERS' ASSOCIATION—4700 E. 63rd St., Trwfy., Kansas City, Mo.
AMERICAN SHORTHORN BREEDERS' ASSOCIATION—Livestock Exch. Bldg., Omaha 7, Neb.
THE AMERICAN DEVON CATTLE CLUB—704 Suffield St., Agawam, Mass.
AMERICAN BRAHMAN BREEDERS' ASSOCIATION—4815 Gulf Freeway, Houston 23, Texas
AMERICAN GALLOWAY BREEDERS' ASSOCIATION—Miner, Montana
SANTA GERTRUDIS BREEDERS' ASSOCIATION—P. O. Box 1373, Kingsville, Texas
AMERICAN BRANGUS BREEDERS' ASSOCIATION—908 Livestock Exch. Bldg., Kansas City 2, Mo.
AMERICAN CHARBRAY BREEDERS' ASSN.—475 Texas Natl. Bank Bldg., Houston 2, Texas
AMERICAN INTERNATIONAL CHAROLAISE ASSN.—437 Texas Natl. Bank Bldg., Houston 2, Texas
AMERICAN BELTED GALLOWAY CATTLE BREEDERS' ASSN.—South Fork, Mo.
RED ANGUS ASSOCIATION OF AMERICA—Box 827, Guthrie, Okla.
AMERICAN SCOTCH HIGHLAND BREEDERS' ASSOCIATION—Box 146, Edgemont, S. D.
AMERICAN KERRY AND DEXTER CLUB—707 W. Water St., Decorah, Ia.
AMERICAN MILKING SHORTHORN SOCIETY—313 S. Glenstone Ave., Springfield 4, Mo.
RED POLLED CATTLE CLUB OF AMERICA—3275 Holdredge St., Lincoln 3, Neb.

SWINE

AMERICAN BERKSHIRE ASSOCIATION—601 W. Monroe St., Springfield, Ill.
CHESTER WHITE SWINE RECORD ASSOCIATION—Box 228, Rochester, Indiana
UNITED DUROC RECORD ASSOCIATION—Duroc Bldg., 239 N. Monroe St., Peoria 3, Ill.
THE HAMPSHIRE SWINE REGISTRY—1111 Main St., Peoria, Ill.
NATIONAL HEREFORD HOG RECORD ASSOCIATION—Albert Hyzer, Milo, Iowa
THE POLAND CHINA RECORD ASSOCIATION—501 E. Losey St., Galesburg, Ill.
NATIONAL SPOTTED POLAND CHINA RECORD ASSOCIATION—8180 Rosemeade Lane, Indianapolis 20, Ind.
AMERICAN SPOTTED POLAND CHINA RECORD ASSOCIATION—Moberly, Missouri
TAMWORTH SWINE ASSOCIATION—Box 189, Hagerstown, Indiana
AMERICAN YORKSHIRE CLUB—1001 South St., Lafayette, Indiana
AMERICAN LANDRACE ASSOCIATION—Box 29, Noblesville, Indiana
INBRED LIVESTOCK REGISTRY ASSN.—3956 Minnehaha Ave., Minneapolis 6, Minn.
OIC SWINE BREEDERS' ASSOCIATION—Greencastle, Ind.
KY. RED BERKSHIRE SWINE RECORD ASSN.—303 Stanford St., Lancaster, Ky.

SHEEP

AMERICAN CHEVIOT SOCIETY, INC.—5051 Flouertown Rd., Lafayette Hill, Pa.
AMERICAN CORRIEDALE ASSOCIATION—108 Parkhill Ave., Columbus, Mo.
AMERICAN COTSWOLD RECORD ASSOCIATION—Sigel, Ill.
COLUMBIA SHEEP BREEDERS' ASSOCIATION—Fort Collins, Colo.
CONTINENTAL DORSET CLUB—Box 217, Hickory, Pennsylvania
AMERICAN HAMPSHIRE SHEEP ASSOCIATION—Box 7, Stuart, Iowa
KARAKUL FUR SHEEP REGISTRY—Fabius, N. Y.
NATIONAL LINCOLN SHEEP BREEDERS' ASSOCIATION—West Milton, Ohio RD 1
AMERICAN AND DELAINE MERINO RECORD ASSOCIATION—4000 Water St., Wheeling, W. Va.
AMERICAN OXFORD DOWN RECORD ASSOCIATION—Eaton Rapids, Michigan
AMERICAN RAMBOUILLET SHEEP BREEDERS' ASSOCIATION—2709 Sherwood Way, San Angelo, Texas
AMERICAN ROMNEY BREEDERS' ASSOCIATION—200 Wittycombe Hall, Corvallis, Oregon
AMERICAN SHROPSHIRE REGISTRY ASSOCIATION—Box 678, Lafayette, Indiana
AMERICAN SOUTHDOWN BREEDERS' ASSOCIATION—212 South Allen St., State College, Pennsylvania
AMERICAN SUFFOLK SHEEP SOCIETY—University of Idaho, Box 226, Moscow, Idaho
NATIONAL SUFFOLK SHEEP ASSOCIATION—P. O. Box 324, Columbia, Mo.
BLACK-TOP DELAINE MERINO SHEEP BREEDERS' ASSN.—Howell RD 4, Mich.
BLACK-TOP & NATL. DELAINE MERINO SHEEP ASSN.—311 Valley View Terrace, Canonsburg, Pa.
TEXAS DELAINE MERINO RECORD ASSOCIATION—Burnet RD 1, Texas
UNITED KARAKUL REGISTRY—3459 N. Verdugo Rd., Glendale 8, Calif.
MONTADALE SHEEP BREEDERS' ASSOCIATION—61 Angelica St., St. Louis 7, Mo.
AMERICAN PANAMA REGISTRY ASSOCIATION—Rupert RD 2, Idaho
NATL. TUNIS SHEEP REGISTRY—106 Liberty St., Bath, N. Y.

DAIRY CATTLE

THE AMERICAN DAIRY CATTLE CLUB—Interlaken, New York
THE AMERICAN GUERNSEY CATTLE CLUB—Peterborough, New Hampshire
THE AMERICAN JERSEY CATTLE CLUB—1521 E. Broad St., Columbus 5, Ohio
THE AYRSHIRE BREEDERS' ASSOCIATION—Brandon, Vermont
THE BROWN SWISS CATTLE BREEDERS' ASS'N OF AMERICA—Beloit, Wisconsin
THE DUTCH BELTED CATTLE ASSOCIATION OF AMERICA—Manteno, Illinois
THE HOLSTEIN-FRIESIAN ASSOCIATION OF AMERICA—Brattleboro, Vermont

HOLSTEIN-FRIESIAN ASSOCIATION OF CANADA—Brantford, Ontario
HOLSTEIN-FRIESIAN REGISTRY ASSOCIATION, INC.—1513 N. 3rd St., Harrisburg, Pa.
THE MILKING SHORTHORN SOCIETY—313 S. Glenstone Ave., Springfield 4, Mo.

GOATS

AMERICAN MILK GOAT RECORD ASSOCIATION—Boxtic, N. Carolina
AMERICAN GOAT SOCIETY, INC.—Mena, Arkansas
AMERICAN ANGORA GOAT BREEDERS' ASSOCIATION—P. O. Box 195, Rocksprings, Texas

COUNTY AGRICULTURAL ORGANIZATIONS

ADAMS COUNTY

Organization	Name and Address of Secretary
Society of Farm Women.....	Mrs. Freeman Glass, Gardners RD 1
Adams County Farmers' Assn.	Calvin Bream, Gettysburg, RD 3
Adams County Holstein Breeders.....	Adam Lobaugh, Aspers, RD 1
Adams County Horticultural Assn.	Guy W. Beamer, Aspers
Adams County Poultry Federation	Carl Seifrit, Box 162, Gettysburg
Adams Farm Bureau Co-op. Assn.	Howard Schwartz, Littlestown RD 1
Adams Electric Cooperative	V. Kyle Trout, Stewartstown RD 1
Cooperative Fruit Growers	Judson Davids, Carlisle
Farm Loan Assn.....	Kenneth F. Miller, 146 York St., Gettysburg
Knouse Foods Co-op.	Everett Weiser, York Springs RD 1
South Mountain Fair Assn.....	Dale Ecker, Arendtsville Bank, Arendtsville

ALLEGHENY COUNTY

Pomona Grange.....	Mrs. John Krieger, Box 75, Woodville
Beekeepers' Assn.....	A. Stankus, Box 437, Morgan
Pittsburgh Florists' & Gardeners' Assn.	Charles Buresch, 726 Strata Way, Pittsburgh 10
Golf Course Superintendents Assn. of Western Pennsylvania	James Sinclair, Irwin
Men's Garden Club of Pittsburgh.....	S. H. Klinginsmith, Box 270, Saxtonburg Blvd., Pittsburgh 15
Fruit & Vegetable Growers' Assn.	Eugene H. Schramm, 7410 McKnight Rd., Pittsburgh 37
Allegheny County Fair Assn.	Miss Betty Colosimo, 411 Courthouse, Pitts- burgh 19
Allegheny County Division. Women's National Farm and Garden	Mrs. Gilbert H. Atwood, Maple St. Ext., Coraopolis
Western Penna. Dairy Goat Assn.	Mrs. C. L. Goodwin, 5852 Walnut Lane, Bethel Park
City Farmers' Club	Knox Bassett, Dravo Bldg., 5th & Liberty Sts., Pittsburgh 22
W. Pa. Flower Growers.....	Louis Helbling, c/o L. Hahn & Son, Bab- cock Blvd., Pittsburgh
W. Pa. Nurserymens' Assn.....	Frank Curto, Phipps Conservatory, Schen- ley Park, Pittsburgh

ARMSTRONG COUNTY

Pomona Grange.....	Don McCullough, Karns City RD 2
Farm Loan Assn.....	Leroy Miller, 310 Butler Co. Nat. Bank Bldg., Butler
Sheep & Wool Growers' Co-op.	Chalmer H. Gould, Kittanning RD 7
Armstrong County Artificial Breeding Co-operative Assn.	R. M. Neal, Dayton RD 2
Armstrong Farm Bureau Co-op. Assn.	Carl Williams, Jr., Ford City RD 2
Dayton Agr. & Mech. Assn.	Mrs. Shirley Huff, Dayton
Agricultural Forum of Armstrong County	Ralph Weckerly, Kittanning

BEAVER COUNTY

Organization	Name and Address of Secretary
Pomona Grange.....	Miss Mary Jordan, 401 Pleasant Dr., Ali- quippa
Farm Loan Assn.....	LeRoy Miller, 804 Turnpike St., Beaver
Beaver Co. Artificial Breeding Co-op.....	Milton Swick, Beaver Falls RD 2
Beaver Co. Cooperative Assn.	A. T. Anderson, Box 66, Beaver

BEDFORD COUNTY

Pomona Grange.....	Mrs. Mary Taylor, Schellsburg
Bedford Co. Farmers Assn.....	Ray Sollenberger, Everett RD 3
Jersey Cattle Club	Richard Hershberger, Star Rt., Everett
Fair Association	Jean B. Eichelberger, Bedford
Bedford Artificial Breeding Co-op.....	Wilson Martz, Bedford RD 3
Bedford Farm Bureau Co-op.....	Joe Claycomb, Bedford RD 1
Bedford Holstein Club	John R. Baker, New Enterprise RD 1
Bedford Co. Allied Milk Producers' Co-op.	Fred Barefoot, Alum Bank
So. Central Pa. Beef Producers' Assn.....	John Harelerode, Bedford RD 2
Bedford Co. Garden Club	Mrs. Blain Barefoot, Bedford

BERKS COUNTY

Pomona Grange.....	Albert Bieber, Fleetwood
Society of Farm Women.....	Mrs. Kenneth Yiengst, Richland RD 1
Beekeepers' Assn.....	Samuel Althouse, W. Leesport
Christmas Tree Growers' Assn.....	John Koeh, Mohnton RD 1
Fruit Growers' Assn.....	Aaron Ebling Jr., Reading RD 2
Guernsey Breeders' Assn.....	Mrs. Norman Reifsnyder, Bernville
Holstein Breeders' Assn.....	John Riegel, Sinking Springs RD 1
Wool Growers' Assn.....	Luther Schucker, Fleetwood RD 2
Milk Producers' Cooperative	William C. Hess, Fleetwood RD 2
Fair Association	Wm. Arthur Morris, 2924 N. 5th St., Read- ing
Farm Credit Assn.	John Younker, Jr., 226 N. 6th Street, Read- ing
Berks County Poultry Assn.....	Harvey Brown, Sinking Spring
Berks-Lehigh Fruit Growers' Co-op.	John R. Mengel, Leesport
Berks Co. Farm Bureau Co-op. Assn.	Paul Keeney, Rehrersburg
Berks Co. Farmers' Assn.....	Ellis R. Kunkel, Kempton RD 2
Berks Co. Swine Producers' Assn.....	Wellington Hiester, Fleetwood RD 2

BLAIR COUNTY

Pomona Grange.....	Mrs. Margaret Reese, Tyrone RD
Blair County Farmers' Assn.	Donald Brumbaugh, Martinsburg RD
Sheep and Wool Growers' Assn.	Ross Burket, Tyrone RD 1
Fruit Growers' Assn.....	Wade Mattern, 300 Union St., Hollidays- burg
Tyrone Artificial Breeding Co-op.....	Clair W. Fisher, Warriors Mark RD
Blair County Dairymen's Assn.....	Allison Brumbaugh, Williamsburg
Blair County Beekeepers' Assn.....	John Despot, Hollidaysburg RD 2
National Farm Loan Assn.	Robert L. Ackers, Hollidaysburg
Morrison Cove Artificial Breeding Co-op.	Calvin Baker, Williamsburg RD 2
Cove Farm Bureau Co-op. Assn.....	W. H. Russell, Sr., Woodbury RD 1
Blair Co. Holstein Breeders.....	Milton Corle, Martinsburg RD
Central Guernsey Breeders	Byron Sollenberger, Curryville

BRADFORD COUNTY

Organization	Name and Address of Secretary
Pomona Grange.....	Mrs. O. L. Fish, Towanda RD 5
Cooperative Holstein-Friesian Assn.	Leon Ballard, Troy RD 3
Guernsey Breeders' Assn.....	Mrs. Liston Wright, Canton RD 1
Jersey Breeders' Assn.....	Claude S. Gorham, LaRaysville
Co-op. Sheep & Wool Growers' Assn.	A. E. Drake, Towanda RD 5
Bradco Egg Producers' Cooperative	Miss Florence Frawley, 211 Main St., Towanda
East. Bradford Artificial Breeding Co-op.	U. M. Holmes, Wysox RD 1
West. Bradford Artificial Breeding Co-op.	Merle Bacon, Towanda RD
Bradford Co. Farmers' Assn.	Leigh Sturdevant, Wellshurg RD 2, N. Y.
Bradford Co. Beekeepers Assn.....	Robert Crimbring, Canton

BUCKS COUNTY

Bucks County Farmers' Assn.	Mrs. Elliott Myers, Bird School Rd., Ottsville
Lower Bucks County Pomona Grange	Mrs. Ivin Smith, New Hope RD 2
Upper Bucks County Pomona Grange	Mrs. J. Wm. Andre, Riegelsville RD 1
Guernsey Assn.	Mrs. Paul Daniels, Pineville
Holstein Assn.	Mr. Thomas VanSant, Doylestown RD 3
Producers' Cooperative Assn.	Lester Brinker, Doylestown
Fruit Growers' Assn.....	Lloyd Ott, Ottsville
Jersey Cattle Club.....	Earl R. Waltemeyer, Collegeville, RD 2
Farm Loan Assn.	Herbert Kratz, Broad Street, Doylestown
Delaware Valley Milk Goat Assn.....	Mrs. Jack Waters, Norristown RD
Bucks-Montgomery Co-op. Wool Pool	Mrs. R. Moerman, Doylestown
Philadelphia Vegetable Growers	Elmer Myers, 1745 Park Ave., Cornwells Heights
Keystone Vegetable Growers' Co-op.	Bradford Snipes, Morrisville RD 1
Poultry Assn.....	Dr. Louis Liebovitz, New Britain
Montgomery-Bucks Farm Bureau Cooperative Assn.	Allen Kriebel, North Wales
Bucks Co. Beekeepers' Assn.	Lilian Zentgraf, Warrington

BUTLER COUNTY

Pomona Grange.....	Mrs. Charles F. Martsolf, Butler RD 5
Potato Growers' Assn.....	LeeRoy Miller, Butler
Butler Fair Assn.....	Dale Fleming, West Sunbury RD 2
Eastern States Farmers Exchange	Butler Marketing Branch, P.O. Box 28, East Butler
Farm Loan Assn. and Butler Production Credit Assn.....	LeeRoy Miller, Butler
Butler Co. Artificial Breeding Co-op.....	Lawrence Marburger, Evans City
Butler Co. Holstein Breeders' Assn.....	Dean Critchlow, Harrisville
Butler-Lawrence Co. Guernsey Breeders Assn.....	James Trotter, Rochester RD 1
Butler Farm Show, Inc.	John Graham, Holyoke Road, Butler RD 1
Keystone Polled Hereford Assn.	Hiram P. Ball, Valencia RD 2
Butler Co. Farmers' Assn.	Donald Crummy, Valencia RD 2
Butler Farmers' Market.....	Mrs. Charles Hemmerling, Portersville RD 1
Associated Milk Producers and Handlers	Dale Fleming, West Sunbury RD 1
Country Belle Cooperative Farmers	Wendell Smith, Butler RD 4
Butler County DHIA	H. F. Kennedy, Butler RD 6
Butler Co. Farm Bureau Co-op. Assn.	Alvin Meyers, Sarver

CAMBRIA COUNTY

Organization	Name and Address of Secretary
Pomona Grange.....	Mrs. Joseph Nagle, Hastings RD
Society of Farm Women.....	Mrs. Morgan Blough, 108 Donald Lane, Johnstown
Cambria Co. Artificial Breeding Co-op.	Lawrence Harties, Jr., Ebensburg
Cambria Farm Bureau Co-op. Assn.	E. J. Westrick, Carrolltown
Cambria County Holstein Club.....	Theo. Mainhart, Portage RD
Cambria County Poultry Assn.	Clair Dumm, Ehensburg RD

CAMERON COUNTY

Cameron County Creamery	Evan A. Jordan, Driftwood RD 1
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CARBON COUNTY

Pomona Grange.....	Samuel George, Palmerton RD 1
Dairy Assn.....	Irwin Steigerwalt, Lehighon RD 1
Cooperative Potato Growers' Assn.	Norman Strohl, Lehighon RD 3
Farmers' Union	LeRoy Faust, Weatherly RD 1
Carbon Co. Agricultural Assn.....	Grant Bossard, 1001 Mahoning St., Lehighon

CENTRE COUNTY

Centre County Farmers' Assn.	William Everhart, State College RD
Pomona Grange.....	Mrs. Earl Homan, Pennsylvania Furnace
Sheep and Wool Growers' Assn.....	H. Malcolm Musser, Bellefonte RD 1
Beekeepers' Assn.	Robert Barr, Port Matilda, RD
Centre County Goat Assn.	Frank Glenn, Lemont
Centre Co. Artificial Breeding Co-op.	William McCool, Spring Mills
Centre Farm Bureau Co-op. Assn.	John A. Decker, Howard RD
Centre-Clearfield Co-op. Council	Wayne Keener, Boalsburg
Holstein Breeders' Assn.	Mrs. Gladys Bearick, Millheim
Centre Co. Agricultural Forum.....	Elwood Way, Port Matilda RD

CHESTER COUNTY

Chester-Delaware Pomona Grange	Mrs. William Yarnall, West Chester RD 4
Society of Farm Women.....	Mrs. Leo Caiuta, Kennett Square RD 1
Farm Loan Assn.	Herbert E. Kratz, 305 Farmers' & Me- chanics Bldg., West Chester
Ayrshire Breeders' Assn.	Bayard Samworth, Box 10, St. Davids
Jersey Cattle Club.....	Mildred Seeds, Downingtown RD 2
Holstein-Friesian Assn.	Earl Umble, Atglen RD 1
Guernsey Breeders' Assn.	Frank Le Patourel, West Grove RD 1
Chester-Delaware Counties Fruit Growers Assn.....	Robert H. Hodge, West Chester, RD 4
Producers' Cooperative Exchange	John H. Herr, Lancaster RD 7
Mushroom Growers' Co-op. Assn.	Anthony Citino, Birch St., Kennett Square
Chester-Delaware Farm Bureau Cooperative Assn.....	Gordon P. Jones, Avondale RD 1
Chester Co. Flower Growers' Assn.	Frank P. Walton, Kennett Square RD 1
Chester Co. Farmers' Assn.....	John F. Styer, Jr., Cochransville RD 2
Chester Co. Beekeepers' Assn.....	Mrs. George Faix, Mt. Alverno Rd., Media
Chester-Delaware Co. Poultry Assn.....	Manley Case, Coatesville RD 4
American Mushroom Institute	Henry Ciarrocchi, Toughkenamon
Middle Atlantic Carnation Growers	Irvin W. Allott, 159 N. Chester Rd., West Chester

CLARION COUNTY

Organization	Name and Address of Secretary
Pomona Grange	Mrs. C. R. Wassum, Curllsville
Farm Loan Assn.	R. H. Shook, Curllsville
Clarion Co. Farm Bureau Co-op. Assn.	Paul Gourley, Greenville Ave., Clarion
Sheep and Wool Growers' Assn.	Frank Craig, Sligo
Guernsey Breeders' Assn.	J. P. Moggy, Sligo RD
Clarion Co. Holstein Breeders' Assn.	Paul Kirkpatrick, New Bethlehem RD 1
Clarion Co. Artificial Breeding Co-op.	Robert Hartman, New Bethlehem RD
Clarion Co. Poultry Assn.	Ernest Rhoads, Fairmount City, RD 1
W. Penna. Artificial Breeding Co-op.	Clyde S. Robison, Coal Center

CLEARFIELD COUNTY

Pomona Grange.....	Mrs. M. E. McCue, Curwensville
Beekeepers' Assn.	George Lucas, Irvona
Clearfield County Agricultural Society	Mr. E. Clair Davis, 1008 Old Town Rd., Clearfield
Clearfield Co. Artificial Breeding Co-op.	Ira C. Kriner, DuBois RD 1
Clearfield Electric Co-op.....	Clyde Sankey, Clearfield RD 2
Clearfield Co. Milk Producers Assn.....	Elmer Lezzer, Curwensville
Clearfield County Poultry and Egg Pro- ducers Assn.	Albert C. Hayes, Luthersburg

CLINTON COUNTY

Pomona Grange.....	Mrs. Talbot Smith, Salona RD
Farm Loan Assn.....	Hervey S. Dershem, Lewisburg
Tobacco Growers' Assn.	Hans Fritz, Lock Haven
Clinton Co. Artificial Breeding Co-op.	Richard Fox, Jersey Shore RD
Clinton Co. Holstein Breeders' Assn.	Doyle Heltman, Mill Hall RD

COLUMBIA COUNTY

Pomona Grange	Franklin Readley, Bloomsburg RD 1
Columbia Co. Farmers' Assn.....	Hanley Gassert, Bloomsburg RD 3
Guernsey Breeders' Assn.	Glenn Seely, Bloomsburg RD 2
Columbia County Fair Assn.	Dan Kressler, Bloomsburg RD 1
Luco Artificial Breeding Co-op.....	Ario Everett, Berwick
Berwick Vegetable Co-op.....	Fred Wright, 515 Northampton St., Kings- ton

CRAWFORD COUNTY

Pomona Grange.....	Esther Leighty, Harmonsburg
Farm Loan Assn.....	Norman Rough, Masonic Bldg., Meadville
Holstein-Friesian Assn.....	Ralph DeVillars, Cochranon RD 4
N. W. Penna. Wool Growers' Assn.	H. T. Miles, Titusville RD 3
Beekeepers' Assn.	Mrs. Ralph Spring, Meadville RD 1
Crawford Co. Artificial Breeding Coopera- tive Assn.	Paul Mitchell, Meadville RD 5
Titusville Artificial Breeding Co-op.	Wayne Joslyn, Diamond
Cochranon Cooperative Assn.....	Russell W. Mook, Mgr., Cochranon
Meadville Co-op. Assn.....	Arthur Wyckoff, Mercer St., Meadville
Crawford Co. Farmers' Assn.	Mrs. Ralph Hummer, Titusville RD 1

CUMBERLAND COUNTY

Organization	Name and Address of Secretary
Pomona Grange	Elizabeth Graham, Carlisle RD 3
Society of Farm Women.....	Mrs. Muriel Byers, Carlisle RD 1
Farm Loan Assn.....	Kenneth F. Miller, 145 S. Duke St., York
Holstein-Friesian Assn.....	Creedin Cornman, Carlisle RD 6
Guernsey Breeders Assn.	George Stroek, Mechanicsburg RD 2
Jersey Assn.	Meryl H. Sheaffer, Carlisle RD 4
Cooperative Wool Growers' Assn.....	Roy H. Miller, 549 "C" St., Carlisle
Cumberland Farm Bureau Co-op.	I. G. Royer, Carlisle RD 5
Cumberland Valley Co-op. Assn.	Walter C. Nickles, Shippensburg
Carlisle Fair Assn.	H. Eugene Sheely, 176 Glendale St., Carlisle
Cumberland County Farmers' Assn.	Roger Hoke, Mechanicsburg RD 1
Carlisle Production Credit Assn.....	Robert E. Stover, 145 S. Duke St., York
Shippensburg Fair Assn.....	H. Glenn Smith, Box 202, Shippensburg

DAUPHIN COUNTY

Pomona Grange.....	Mrs. Gladys Whitaker, Halifax RD 2
Farm Loan Assn.....	Paul B. Whipple, 411 W. Roseville Rd., Lancaster
Dauphin Co. Farmers' Assn.	Harry Ulrich, Harrisburg RD 3
Gratz Fair Assn.	Gilbert Koppenhaver, Gratz
Production Credit Assn.....	Paul B. Whipple, 411 W. Roseville Rd., Lancaster
Holstein Assn.	Paul Miller, Linglestown RD 1
Society of Farm Women.....	Mrs. Wilber Erb, Harrisburg RD 1
Beekeepers' Assn.....	John Howard, Hummelstown RD 1

DELAWARE COUNTY

Chester-Delaware Pomona Grange.....	Mrs. William Yarnall, West Chester RD 4
Chester-Delaware Counties Fruit Growers' Assn.....	Richard Barnard, Kennett Square RD 1
Chester-Delaware Farm Bureau Cooperative Assn.	Gordon P. Jones, Avondale
Chester-Delaware Poultry Assn.....	Harry Adams, Coatesville
Delaware Co. Florists' Assn.....	Robert Cole, Collingdale

ELK COUNTY

Pomona Grange.....	Mrs. Harold Miller, 236 Walnut St., Ridgeway
Potato Growers' Assn.....	E. E. Schmiedel, Ridgeway, Star Rt.
Artificial Breeding Cooperative	Glenn W. Olson, Portland Mills, RD 1

ERIE COUNTY

Organization	Name and Address of Secretary
Pomona Grange.....	Mrs. Edna Newton, 15 Eagle St., North East
Keystone Cooperative Grape Assn.	Donald Elabarger, 59 Gibson St., North East
Horticultural Assn.	Paul Crossman, Jr., Albion RD 1
Farm Loan Assn.....	Robert J. Adsit, Meadville (Pres.)
Erie Co. Poultry Assn.	Harry Klanz, North East RD 3
Erie Co. Artificial Breeding Cooperative	Norman Yost, Wattsburg
Erie-Crawford Dairy Co-op. Assn.	Lee Port, Waterford RD 3
Union City Co-op. Assn.	F. W. Bauer, 20 South St., Union City
Erie Co. Farmers' Assn.	Mrs. Richard Crandall, Girard RD 2
Erie Co. Holstein Breeders' Assn.....	Vera Woods, Edinboro RD 4
Northwestern Pa. Christmas Tree Growers' Assn.....	Beach Sherman, 427 Strathmore Ave., Erie
Erie Co. Potato Growers' Assn.	Clifford Troyer, Union City RD 2

FAYETTE COUNTY

Pomona Grange.....	Mrs. Ruth Ann Gordon, Dawson
Wool Growers' Assn.	Thos. Wood, Fayette City
Fayette Co. Artificial Breeding Co-op.	J. Lewis Williams, Uniontown
Fayette Co. Holstein Breeders' Assn.	W. B. Parshall, 9 Court St., Uniontown
Fayette Co. Guernsey Breeders' Assn.	Jesse Stauffer, Acme
Farmers' Cooperative Dairy Assn.	Mrs. Ruth Ann Gordon, Dawson
Fayette Co. Agricultural Improvement Assn.....	Wilbur Cook, Uniontown RD 4
Fayette Co. Council of Farm Cooperatives	S. L. Randlett, Farmington
Fayette Co. Rural Development Assn.	Frank Zack, 261 East Fayette St., Uniontown

FOREST COUNTY

Forest County Camp Assn.....	Mrs. J. G. Handy, Pleasantville, RD 1
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FRANKLIN COUNTY

Franklin Co. Farm Loan Assn.	Joseph Barkdoll, Mont Alto
Franklin Co. Guernsey Breeders' Assn.	Marion Benedict, Waynesboro RD 1
Franklin Co. Horticultural Society.....	J. H. Knode, Chambersburg
Sheep and Wool Growers' Assn.....	Dale Coons, Dry Run
Franklin Co. Holstein Breeders' Assn.....	John Ile, Jr., Newburg RD 1
Franklin Co. Poultry Assn.....	Arthur Lehman, Chambersburg RD 6
Franklin Farm Bureau Co-op. Assn.	M. Dice Statler, Chambersburg RD 6
Franklin Co. Farmers' Assn.....	Frank J. Dice, Chambersburg RD 4
Society of Farm Women.....	Mrs. Merrill Bivens, St. Thomas RD 1
Farmers' Union Cooperative, Inc.	Preston D. Hykes, Greencastle RD 1

FULTON COUNTY

Pomona Grange	Mrs. Walter Purnell, Wells Tannery
Society of Farm Women.....	Mrs. Thurman E. Nesbitt, McConnellsburg
Fulton County Fair Assn.	Mrs. Helen Mosebey, Wells Tannery
Fulton Co. Farmers' Assn.	James Gordon, McConnellsburg

GREENE COUNTY

Organization	Name and Address of Secretary
Pomona Grange	Mrs. Simon Hoy, Pine Bank
Society of Farm Women.....	Mrs. Lois McClay, Jefferson RD 1
Farm Loan Assn.....	Robert Morrison, Washington
The Richhill Agricultural Assn.....	Thomas M. Tharp, Wind Ridge
Southwestern Pa. Livestock Assn.	Mrs. Flora Haught Burge, Waynesburg
Greene Co. Artificial Breeding Co-op.....	Ben W. Jacobs, Waynesburg
Greene County Purebred Livestock Breed- ers' Assn.....	Paul Onopuk, Washington RD 6
Greene Farm Bureau Co-op. Assn.....	Clarence P. Grimes, Waynesburg RD 1
Greene County Free Fair.....	Charles Clark, Waynesburg
Greene Co. Sheep & Wool Growers' Assn.	Mrs. Charles L. Phillips, Waynesburg RD 5

HUNTINGDON COUNTY

Pomona Grange.....	Mrs. Clara Jones, Alexandria
Agricultural Fair Assn.....	John McCracken, 1115 Mifflin St., Hunt- ingdon
Artificial Breeding Co-operative	Harold Davis, Huntingdon RD 2
Huntingdon Co. Holstein Breeders' Assn.	James Davis, Petersburg RD 1
Huntingdon Co. Poultry Assn.	S. Frank Norris, Huntingdon RD 3
Huntingdon Co. Farmers' Assn.	Fred Huey, Allensville
Society of Farm Women.....	Mrs. Elmer Harper, Shirleysburg RD
Valley Rural Electric Co-op., Inc.	J. H. Denton, Box 397, Denton (Mgr.)
Huntingdon Co. Agr. Development Coun- cil.....	Chester Smith, Huntingdon RD 3

INDIANA COUNTY

Pomona Grange	Mrs. Edna Casaday, Smicksburg RD 1
Society of Farm Women.....	Mrs. Mae Dick, Penn Run
National Farm Loan Assn.	James K. McElhoes, Indiana
Holstein Assn.	Day K. Nichol, Indiana RD 4
Jersey Cattle Club	Wallace Pollock, Marion Center RD 2
Guernsey Cattle Club	Thomas Mikesell, Jr., Indiana RD 1
Fruit Growers Assn.....	H. W. Stonebraker, Indiana RD 3
Sheep and Wool Growers' Assn.	D. K. Nichol, Indiana RD 4
Indiana County Agricultural Society	J. Murray Butterbaugh, Box 347, Indiana
Indiana Co. Artificial Breeding Co-op.	Eugene Thompson, Marion Center RD 2
Indiana Farm Bureau Co-op. Assn.	Wilbur Bell, Indiana RD 1
Indiana Co. Farmers' Assn.....	Mrs. Guy Stutzman, Indiana RD 2
Indiana Marketing Cooperative	Richard Black, Marion Center RD 2
Indiana Co. Christmas Tree Growers Assn.	Regis A. McKnight, Indiana RD 1

JEFFERSON COUNTY

Pomona Grange.....	Mrs. Henry McAninch, Reynoldsville RD 2
Holstein Breeders' Assn.....	Richard Ames, Mayport RD 3
Guernsey Breeders' Assn.....	Henry Verbeke, Reynoldsville RD 2
Jersey Breeders' Assn.....	Mrs. John Hetrick, Punxsutawney, RD 4
Jefferson Farm Bureau Co-op. Assn.	Rufus Himes, Brookville RD 3
Jefferson Co. Artificial Breeding Assn.	J. H. Wilson, Brockway RD 2
Farm Loan Assn.....	James K. McElhoes, Indiana
North Central Cooperative Beef Breeders' Assn.....	Charles Mortimer, Munderf Star Rt., Brook- ville
Jefferson Electric Co-op., Inc.	Dale Corbin, Reynoldsville RD 2
Mahoning Farm Bureau Co-op. Assn.....	Henry Wingert, Punxsutawney RD 5

JUNIATA COUNTY

Organization	Name and Address of Secretary
Pomona Grange.....	Mrs. Pearl Woodward, Port Royal, RD 2
Juniata County Agricultural Society (Port Royal Fair Assn.).....	Dwight B. Hower, Sr., Port Royal
Juniata Co. Artificial Breeding Co-op.	Richard Crawford, Port Royal RD
Juniata Co. Holstein Club.....	Richard Crawford, Port Royal RD
Juniata Co. Farmers' Assn.....	Warren K. Zook, Mifflintown RD 1

LACKAWANNA COUNTY

Pomona Grange.....	Mrs. Mary McLain, Moscow RD 2
Horticultural Assn.	Marvin Miller, Clarks Summit RD 1
Lackawanna Beekeepers' Assn.	Howard Griggs, Clarks Summit RD 1
Co-op. Farmers' Night Market	Kenneth Seamans, Factoryville RD

LANCASTER COUNTY

Pomona Grange	Mrs. Elizabeth Eby, Kinzers RD 1
Society of Farm Women.....	Mrs. Grayson M. Cooper, Peach Bottom RD 1
Farm Loan Assn.....	Paul B. Whipple, 411 W. Roseville Rd., Lancaster
Lancaster Co. Production Credit Assn.....	Paul B. Whipple, 411 W. Roseville Rd., Lancaster
Lancaster Farm Bureau Co-op. Assn.	Robert M. Hood, P.O. Box 1197, Lancaster
Lancaster Co. Farmers' Assn.	Donald E. Ney, Marietta RD 1
Producers Co-op. Exchange	John H. Herr, Lancaster RD 7
Lancaster Co. Agricultural Council	Richard Hoover, 222 P.O. Bldg., Lancaster
Lancaster Producers Livestock Co-op.	Wilbur Snyder, Mount Joy RD 1
Southeastern Penna. Artificial Breeding Cooperative	Lee Poorbaugh, York RD 3
Ayrshire Breeders' Assn.	Roy Botwell, Masonic Home Farm, Eliza- bethtown
Garden Spot Guernsey Breeders' Assn.	James Lefever, Quarryville RD 3
Holstein Breeders' Assn.	Jay E. Landis, Lancaster RD 6
Mt. Joy Dairy Farmers' Co-op.....	Henry H. Eby, Mt. Joy
Lancaster Co. Swine Producers' Assn.	James Martin, East Earl, RD 1
Poultry Assn.....	Robert G. Harnish, Conestoga RD 2
Lancaster Co. Beekeepers' Assn.....	Walter T. Becker, Mt. Joy RD 2
Florists' Assn.	Allen Bewley, Leacock
Fruit Growers' Assn.....	Roy Erb, 118 Kreider Ave., Lancaster
Lancaster Co. Tobacco Growers' Co-op.	Arthur Reist, 1050 Eden Rd., Lancaster
Tobacco Growers' Assn.....	Marlin L. Cassel, Manheim RD 1
Wash. Boro Tomato Growers' Co-op.	Paul W. Eshelman, Rohrerstown
Lancaster Co. Farm Implement Dealers Assn.....	Robert Heisey, c/o N. G. Hershey Co., Manheim

LAWRENCE COUNTY

Pomona Grange.....	Gertrude Chapin, New Castle RD 3
Fruit Growers' Assn.	John Bovard, New Castle RD 4
Cooperative Wool Growers', Inc.	Guy M. Fullerton, Enon Valley RD 2
Lawrence Co. Artificial Breeding Co-op.	Mrs. Helen Tebay, Wampum
Lawrence County Farmers' Assn.....	Richard Dean, New Castle RD 6

LEBANON COUNTY

Organization	Name and Address of Secretary
Pomona Grange.....	Mrs. Peter Boltz, Lebanon RD 3
Farm Loan Assn.....	Paul Whipple, 411 W. Roseville Rd., Lancaster
Lebanon Valley Cooperative Fruit Growers' Assn.....	Ira Dutweiler, 36 N. 8th St., Lebanon
Lebanon Val. Farm Bureau Co-op.....	Luke R. Grubb, Annville RD 1
Holstein Breeders' Assn.....	Alfred Brandt, Lebanon RD 2
Society of Farm Women.....	Mrs. Delbert J. Steinmetz, Kleinfeltersville
Lebanon Valley Dairy Assn.....	Lawson Hemperly, Annville RD 1
Lebanon County DHIA.....	Clair Gerberich, Jonestown RD 1
Lebanon Valley Poultry Assn.....	Miles Moyer, Fredericksburg RD 1
Lebanon County Beekeepers' Assn.....	Karen Seidel, Annville RD 1
Lebanon Co. Farmers' Assn.....	J. Morris Horst, Lebanon RD 3

LEHIGH COUNTY

Pomona Grange.....	W. F. Masters, Breinigsville RD 1
Lehigh Co. Holstein Assn.....	Willard Hamm, New Tripoli RD 1
Lehigh Valley Beekeepers' Assn.....	Alfred Beswick, 1001 Linden St., Bethlehem
Lehigh Valley Egg Producers' Co-op.	E. A. Kirschman, Bethlehem RD 1
Farm Loan Assn.....	Russel Rupp, 1060 N. 7th St., Allentown
Lehigh County Agricultural Society	Philip Storch, 302 N. 17th St., Allentown
Lehigh Valley Cooperative Farmers	Charles Hoffman, 1026 North 7th St., Allentown
Lehigh Farm Bureau Cooperative	Wm. Kistler, Jr., Kempton RD 1
Lehigh Co. Farmers' Assn.	David Semmel, Slatington RD 1
Lehigh Co. Potato Growers' Assn.	Willard Hamm, New Tripoli RD 1
Lehigh Co. Horticultural Assn.	Paul Wolf, Allentown RD 1

LUZERNE COUNTY

Columbia-Lower Luzerne Pomona Grange ..	B. W. Derr, Jersey Town
Upper Luzerne-Southern Wyoming Pomona Grange	Lillian Hildebrandt, Dallas RD
Luzerne County Co-op. Assn.....	Harold Brace, Dallas RD 3
Horticultural Assn.	William Kisner, Berwick RD 1
Beekeepers' Assn.....	Ernest S. Young, 347 E. Noble St., Nanticoke
Sybertsville Green Tomato Co-op.....	Wm. Frederick, Sugarloaf RD 1
Farmers Co-op. Dairy of W. Hazleton	Robert Astleford, Hazleton
Luzerne Co. DHIA	William Conyngham, 1234 Miners Bank Bldg., Wilkes-Barre
Farmers' Night Market Assn.	John Rebennaek, Dallas RD
Luco Artificial Breeding Co-op.....	Ario Everett, Berwick
Berwick Vegetable Co-op.....	Burton Hetherington, Spring Garden Ave. and Seanlon St., Berwick
Luzerne Co. Farmers' Assn.	Leroy Hinchcliff, Wapwallopen
Wyoming Valley Veg. Growers	Robert Price, 695 E. Main St., Nanticoke

LYCOMING COUNTY

Organization	Name and Address of Secretary
Pomona Grange.....	Mrs. Clyde Goldy, Williamsport RD 2
Farm Loan Assn.....	Hervey S. Dershem, Lewisburg
Lycoming Co. Farmers' Assn.	Paul Rice, Jersey Shore RD 2
Hughesville Fair Assn.	Clarence F. Stolz, 178 N. 2nd St., Hughesville
Lycoming Co. Artificial Breeding Co-op.	Max Paulhamus, Linden RD 1
Production Credit Assn.....	Edgar H. Schnure, Lewisburg
Holstein-Friesian Breeders' Assn.	Neil Mutchler, Cogan Station RD
Milk Producers' Assn.....	Howell Waltz, Salladashurg RD 1

McKEAN COUNTY

Pomona Grange.....	Mrs. Raymond Peterson, Kane
Sheep and Wool Growers' Assn.....	Robert Cooper, Smethport
McKean Co. Artificial Breeding Co-op.	G. L. Carlson, Turtle Point
Kane Dairy Cooperative Assn.	Henry Yonkie, Kane RD
McKean Co. Holstein Assn.	Russell Comes, Smethport

MERCER COUNTY

Co-operative Wool Growers', Inc.....	Q. R. Tait, Mercer RD 4
Fruit Growers' Assn.	W. R. Forrester, Mercer RD
Farm Loan Assn.....	Robert J. Adsit, Meadville
Green Valley Dairy Co-op.	A. D. Willaman, Transfer RD 1
Pomona Grange.....	Mrs. Robert Steese, Grove City RD 1
Stoneboro Fair Assn.	C. W. Ibbs, Stoneboro
Mercer Artificial Breeding Co-op.....	L. J. Wilhelm, Sharon RD 2
Mercer Co. Farm Bureau Co-op. Assn.	Cooper Evans, Mercer
Pennsylvania Farmers Assn.....	Bill Beatty, Grove City RD 2

MIFFLIN COUNTY

Union Production Credit Assn.	James Goodwin, Twin Valley Farm Bureau, W. 4th Street, Lewistown
Horticultural and Agricultural Assn.	J. C. Thompson, 33 Grand Parkway, Lewistown
Mifflin Co. Poultry Assn.	J. F. Bradford, Jr., Lewistown, RD 1
Mifflin Co. Artificial Breeding Co-op.	Byron Peachey, Belleville
Twin Valley Farm Bureau Co-op.....	William J. McNitt, Jr., Milroy
Mifflin County Farmers' Assn.....	J. Reed Goss, Lewistown RD 3

MONROE COUNTY

Pomona Grange.....	Charles VanSciver, Tannersville
West End Fair Assn.	Larry Krome, Gilbert
Milk Producers' Cooperative	Arlington Martin, Effort

MONTGOMERY COUNTY

Organization	Name and Address of Secretary
Pomona Grange	Mrs. Katie Erb, Red Hill
Society of Farm Women.....	Mrs. George Lewis, Fairview Village
Farm Loan Assn. and Production Credit Assn.....	Herbert Kratz, 531 Swede St., Norristown
Holstein Cattle Club	A. Z. Rittenhouse, Lansdale RD 2
Beekeepers' Assn.....	Mrs. Alfred Storn, 637 Norristown Rd., Horsham
Guernsey Club.....	Fred Seipt, Lansdale RD 1
Tri-County Producers' Co-op. Assn.	Elmo Underkoffler, Center Point
Montgomery-Bucks Farm Bureau Co-op. Assn.....	Allen K. Kriebel, Lansdale RD 2
Delaware Valley Milk Goat Assn.....	Mrs. Alice Birette, 1310 Prospect Ave., Croydon (Bucks County)
Montgomery Co. Farmers' Assn.	Kathryn Boocock, Box 136, Skippack
Pennsylvania Landscape and Tree Assn.	Edward Martin, 26 E. Mill Rd., Flourtown
Delaware Valley Turf Grass Assn.	Harry Wilcox, Fairview Village
Garden Supply Dealers of Delaware Valley	Mrs. Verna Stipa, Limekiln & Willow Grove Ave., Edgehill

MONTOUR COUNTY

Pomona Grange	Leon Epler, Northumberland RD 1
Montour-DeLong Fair Assn.	Mrs. Betty Stamm, Danville RD 2

NORTHAMPTON COUNTY

Pomona Grange.....	W. F. Masters, Breinigsville, RD
Cooperative Potato Growers.....	W. H. Schlegel, Bath RD 1
Farm Bureau Cooperative Assn.	David Houck, Nazareth RD 3
Lehigh Valley Egg Producers' Co-op.	E. A. Kirschman, Bethlehem RD 1
Farm Loan Assn.....	Russell W. Rupp, 1160 North 7th St., Allentown
Holstein Breeders' Assn.....	Edwin Gum, Pen Argyl RD 1
Beekeepers' Assn.....	Alfred Beswick, 261 E. Fairview St., Bethlehem
Cooperative Wool Growers' Assn.....	L. F. Nicholas, Bangor RD 2
Lehigh Valley Cooperative Farmers.....	Charles Hoffman, 1160 North 7th St., Allentown
Northampton Co. Farmers' Assn.....	Floyd J. Lahr, Nazareth RD 2

NORTHUMBERLAND COUNTY

Pomona Grange.....	Mrs. Oscar Drum, Sunbury RD 1
Sheep and Wool Growers' Assn.....	Ira Geise, Northumberland RD 1
Farm Loan Assn.....	Hervey S. Dershen, Lewisburg
Farmers' Equity Assn.	Russel Brosius, Sunbury, RD 3
Northumberland Co. Farmers' Assn.....	George W. Richard, Elysburg RD 1
Northumberland Co. Holstein Breeders' Assn.....	Carl Swartz, Milton RD 2
Northumberland Area Guernsey Breeders' Assn.....	Ray Walborn, Dalmatia RD 1
Dairy Herd Improvement Assn.	W. C. Gauger, Watsontown RD 2
Northumberland Co. Poultry Assn.	Newton Sulouff, Northumberland RD 1

PERRY COUNTY

Organization	Name and Address of Secretary
Pomona Grange.....	Walter T. Smith, Millerstown
Perry Farm Bureau Cooperative.....	John McKeehan, Blain
Perry Co. Artificial Breeding Co-op.	Bertus Smith, Loysville
Guernsey Breeders' Assn.	Linda Dum, Landisburg RD
Holstein Breeders' Assn.....	Ralph Smith, Millerstown
Pennsylvania Farmers' Assn.	Kenneth Beaver, Millerstown RD 2

PHILADELPHIA COUNTY

Pennsylvania Horticultural Society.....	Estelle L. Sharp, Berwyn
Philadelphia Gardener's Assn.	Robert Pennewell, Morris Arhoretum, Philadelphia 18
Philadelphia Society for Promoting Agriculture.....	Dr. Mark W. Allam, School of Veterinary Medicine, 39th and Pine Sts., Philadelphia 4
Philadelphia Vegetable Growers' Cooperative Assn.	Elmer F. Myers, Trevoise
Phila. Golf Course Superintendents.....	Frank I. Shuman, 309 Oreland Mill Rd., Oreland
Quaker City Farmers.....	E. L. Worthington, 112 N. Twelfth St., Philadelphia 7
Philadelphia Rose Society	Elizabeth Zaiser, 625 Rowland Ave., Cheltenham

PIKE COUNTY

Monroe-Pike Pomona Grange	Mrs. Elsie Eckert, Greeley
Delaware Valley Fair Assn.....	Mrs. Cynthia Van Lierde, Milford

POTTER COUNTY

Pomona Grange.....	Mrs. Robert Blake, Ulysses
Farm Loan Assn.....	David Rumsey, Coudersport
Holstein Breeders' Club	Everett Gooch, Coudersport RD
Farmers' Alliance & Industrial Union	Harold Higley, Shinglehouse
Sheep and Wool Growers' Assn.....	Miss Elizabeth Neff, Coudersport RD
Potter Co. Artificial Breeding Co-op.....	Earl Highley, Shinglehouse
Potter Co. Poultry Co-op.	Mrs. Harold Lambert, Shinglehouse RD
Allegheny Mountain Vegetable Growers' Cooperative	P. R. Smith, Ulysses

SCHUYLKILL COUNTY

Pomona Grange.....	Mrs. Evelyn Heisler, Tamaqua RD 1
Farm Loan Assn.....	Russell W. Rupp, Allentown
Potato Growers' Cooperative Assn.	Irvin A. Seltzer, II, Ringtown
Beekeepers' Assn.....	Richard Malick, 307 N. Third St., Pottsville
Schuylkill County Christmas Tree Growers Assn.....	Roger Tobias, Pine Grove RD 3
Schuylkill County Holstein Breeders' Assn. .	Carl Heisler, Tamaqua RD 1
Schuylkill County Horticultural Assn.	Richard Maurer, Valley View
Schuylkill County Poultry Assn.....	Ned Schrope, Hegins
Artificial Breeding Cooperative.....	Carl Brown, Schuylkill Haven RD 2
Schuylkill Farm Bureau Co-op. Assn.....	Howard Mimm, McKeanshurg
Mahantongo Valley Farm Bureau Cooperative Assn.	Leroy Heim, Pitman
Schuylkill County Farmers' Assn.	Chester Heim, Pitman

SNYDER COUNTY

Organization	Name and Address of Secretary
Snyder-Southern Northumberland Pomona Grange	Mrs. Oscar Drum, Sunbury RD 2
Fruit Growers' Assn.	Floyd Graybill, Richfield
Holstein Breeders' Assn.	Richard Nerhood, Beavertown RD 1
Snyder CO. DHIA	Harry F. Hassinger, Middleburg RD 1
Artificial Breeding Cooperative	Guy E. Mitterling, Port Treverton RD 2
Christmas Tree Growers' Association	Robert Weaver, Winfield RD 1
Snyder Co. Poultry Assn.	George W. Robinson, Kreamer
Snyder Co. Farmers' Assn.	Clyde Holtzapple, Selinsgrove RD 2

SOMERSET COUNTY

Pomona Grange	Mrs./Dorothy Gindlesperger, Roekwood RD 1
Sheep and Wool Growers' Assn.	George C. Keim, Central City RD 1
Society of Farm Women	Mrs. Lloyd Reitz, Friedens RD 1
Artificial Breeding Cooperative	George Marteeney, Somerset RD 6
Holstein Breeders' Club	Calvin Will, Berlin RD 1
Guernsey Breeders' Club	Earl Stutzman, Holsopple RD 1
Horse and Mule Assn.	Lewis Maust, Berlin RD 4
Somerset Co. Horse & Saddle Assn.	Mary Ann James, W. Garrett St., Somerset
Somerset Farm Bureau Co-op. Assn.	Elmer W. Miller, Somerset RD 4
Penna Farmers' Assn.	Joseph M. Johns, Davidsville
Somerset Co. Maple Producers' Assn.	Jane Wable, Fort Hill RD 1
Somerset Co. Resources Committee	John Snyder, Garrett

SULLIVAN COUNTY

Pomona Grange (Bradford-Sullivan)	Mrs. Ruth G. Fish, Towanda RD 5
Agricultural Co-operative Assn.	Carl D. Molyneux, Forksville
Agricultural Society	Archie Norton, Forksville
Sulbra Artificial Breeding Co-op.	Ivan Waltman, New Albany
Sullivan Co. Holstein Club	William Frazier, Jr., Muncy Valley RD

SUSQUEHANNA COUNTY

Pomona Grange	Mary Green, Springville RD 2
Holstein Breeders' Club	William Curley, Montrose RD 5
Cooperative Wool Growers' Assn.	R. L. Stockholm, Montrose
Suswyanna Artificial Breeding Co-op.	Harold Sheldon, Thompson
Montrose Artificial Breeding Co-op.	Ralph Weber, New Milford
Harford Agricultural Society	Howard Benning, Kingsley
Susquehanna Co. Farmers Assn.	Mrs. Lewis Brainard, Harford
Farmers Alliance & Industrial Union	Mrs. Arthur Coy, Montrose

TIOGA COUNTY

Pomona Grange	Mrs. Wm. Sticklin, Wellsboro
Dairymen's League Cooperative	Keith Ripley, Mansfield RD 3
Holstein Breeders' Club	Clark Bowen, Wellsboro RD 3
Wool Growers' Assn.	Keith Owlett, Middlebury Center
Tioga Co. Artificial Breeding Co-op.	George B. Butler, Wellsboro

UNION COUNTY

Organization	Name and Address of Secretary
Union-Montour-Northumberland Pomona	
Grange	Leon Epler, Northumberland RD 1
Union-Snyder-Northumberland County	
Farm Loan Assn.	Hervey S. Dershem, Lewisburg
Union Farm Bureau Cooperative	Leon B. Epler, Northumberland RD 1
Union County Farmers' Assn.	Theodore Shuck, Mifflinburg RD 1
Production Credit Assn.	Edgar H. Schnure, Lewisburg
First Penna. Artificial Breeding Co-op.	Clark H. Kostenbader, Lewisburg RD 3
Union Co. Artificial Breeding Co-op.	Donald Strouse, Watsontown RD 2
Holstein Breeders Assn.	Kenneth Shuck, Mifflinburg RD 1

VENANGO COUNTY

Pomona Grange.....	Fred Smith, Franklin RD 1
Farm Loan Assn.....	Norman Rough, Masonic Bldg., Meadville
Farmers' Home Administration.....	Carl Morse, Exchange Bank Bldg., Franklin
Farmers' and Fruit Growers' Assn.....	John Huff, Franklin RD 3
Venango Co. Farmers' Assn.....	Julius Woods, Polk RD 2
Venango Co. Wool Growers' Assn.	F. E. Smith, Kennerdell RD 2
Venango Co. Beekeepers' Assn.	L. L. Burger, 1315 Chestnut St., Franklin
Venango Poultry Assn.	Mrs. Fred Johnson, Van RD 1
Venango Artificial Breeding Co-op.	Charles A. McKinney, Franklin RD 2
Venango Farm Bureau Co-op. Assn.	F. C. Sterett, Kennerdell RD 2

WARREN COUNTY

Pomona Grange.....	William Brooks, 131 6th Ave., Corry
Guernsey Breeders' Assn.....	John Nordin, Russell RD 1
Warren Artificial Breeding Co-op.	Charles Dodd, Corry RD 2
Warren County Holstein Club.....	Allan Lindell, Akeley RD 2
Warren County Farmers' Assn.....	Howard VanTassel, Corry RD 2

WASHINGTON COUNTY

Pomona Grange	Mrs. Catherine Stritzinger, Burgettstown RD 2
Society of Farm Women.....	Mrs. Arthur Black, Finleyville RD 2
Farm Bureau Cooperative Assn.....	James A. McGugin, Hickory RD 1
Farm Loan Assn.	Robert Morrison, 102 S. Main St., Washington
Poultry Assn.....	Hugo J. Vettorel, Washington RD 2
Arden Downs Poultry Club.....	Charles R. Sowers, Amity RD 1
Washington Co. Holstein Club	George Paxton, Washington RD 1
S. W. Penna. Holstein Breeders' Assn.	J. Clarence Paxton, McDonald RD 3
Guernsey Breeders' Assn.....	J. M. Fava, Bentleyville RD 1
Jersey Breeders' Assn.....	Leonard Martin, Box 629, Waynesburg
Washington Co. Artificial Breeders' Co-op.	T. Scott Pease, Washington RD 2
Washington Co. Livestock Breeders' Assn. ..	Wm. Johnston, Canonsburg RD 1
Cooperative Wool Growers Assn.	J. R. Henderson, Hickory
Washington County Fair Assn.	R. C. Provost, Chamber of Commerce Bldg., Washington

WAYNE COUNTY

Organization	Name and Address of Secretary
Pomona Grange.....	Mrs. J. William Gage, Calicoon, N. Y., RD 2
Fruit Growers' Assn.....	Elbert Stanton, Waymart RD 1
Wayne Co. Holstein Club	Frank Zebrowski, Waymart RD 1
Wayne Co. Dairymens League.....	Mrs. Grant Teeple, Equinunk
Wool Growers' Assn.....	H. G. Burleigh, Pleasant Mount
Wayne Co. Artificial Breeding Co-op.....	Harry Simpson, Jr., Lake Ariel
Wayne County Farmers' Assn.	John Mazzga, Hawley RD 1
Dist. 6, Pa.-Jersey Cattle Club	Marjorie Bezek, Waymart RD 1

WESTMORELAND COUNTY

Pomona Grange.....	Miss Alma Weister, Greensburg RD 3
Farmers' Picnic Assn.....	Joseph Kim, 735 Penna. Ave., Irwin
Guernsey Breeders' Club	Robert Lash, West Newton RD 1
Holstein-Friesian Club	Charles Silvis, Box 69B, Greensburg RD 6
Westmoreland Co. Artificial Breeding Co-operative	Boyd Wolff, New Alexandria RD 2
Beekeepers' Assn.....	Elmer Baumann, Latrobe RD 2
Westmoreland Co. Poultry Assn.	Melvin Shupe, Smithton RD 1
County Flower Growers' Assn.	Stanley Zidel, 1554 Mission Rd., Latrobe
Westland Cooperative Farmers	Robert Momyer, Smithton RD 1
Westmoreland Co. Farmers' Assn.	Mrs. Phillip Long, New Stanton RD 1
Westmoreland Farm Bureau Co-operative Assn.....	Levi Silvis, Greensburg RD 5

WYOMING COUNTY

Pomona Grange	Mrs. Eugene Ferris, Laceyville RD
Society of Farm Women.....	Rosalie Vaskas, Meshoppen RD 1
Producers' Cooperative Assn.....	James Kintner, Meshoppen RD
Tunkhannock Artificial Breeding Co-operative	John B. Henning, Tunkhannock
Wyoming County Holstein Club.....	Arthur L. Morrison, Laceyville RD 2
Wyoming Co. Farmers' Assn.....	Clifford Sands, Tunkhannock RD 5

YORK COUNTY

Pomona Grange	Clayton S. Moul, 1025 Broadway, Hanover
Society of Farm Women.....	Mrs. Verna Gable, Dallastown RD 1
Farm Loan Assn.....	Kenneth Miller, 145 S. Duke St., York
York Farm Bureau Co-op. Assn.....	Jay W. Dusman, Hanover RD 2
York Co. Farmers' Assn.	James Shoomaker, Red Lion RD 1
York County Fair Assn.....	Katherine O. Morgart, York
York Co. Guernsey Breeders' Assn.....	Paul Leader, York RD 2
York Co. Holstein Breeders' Assn.....	Roger J. Perry, York RD 8
York Co. Milk Producers' Assn.	Harry L. Arnold, Hellam RD 2
York Co. Lamb Producers' Assn.	Mrs. Kenneth Wire, Dover RD 2
York Co. Poultry Assn.	John Hamme, Seven Valleys RD 2
York Co. Swine Improvement Assn.	C. F. Thompson, Spring Grove
York County Beekeepers' Assn.	William Sullivan, Stewartstown RD 1
York County Fruit Growers' Assn.....	Harry E. Kauffman, York RD 9
York Co. Potato Growers' Co-op.....	C. Robert Miller, Felton RD 2

Farm Journals and Magazines Published in Pennsylvania

Dairymen's Price Reporter, 451 Century Bldg., Pittsburgh

Everybody's Poultry Magazine, Hanover

Farm Bureau Mirror, P. O. Box 23, Harrisburg

Farm and Home News, 85 Mitchell Ave., Binghamton, N. Y.

Inter-State Milk Producers' Review, 401 N. Broad St., Philadelphia

Pennsylvania Farmer, 2436 N. 2nd St., Harrisburg

Pennsylvania Packer, 25 N. Duke St., York

Pennsylvania Grange News, 1604 N. 2nd St., Harrisburg

The Farm Journal, Washington Square, Philadelphia

Lancaster Farming, P. O. Box 1524, Lancaster

Lancaster Livestock Reporter, Union Stockyards, Lancaster

Berks-Lehigh Farmer, Kutztown

Keystone Farmer, Court House, Coudersport

Montgomery County Farmer, Skippack

Tioga County Farmer, 104 Main St., Wellsboro

The Voice, Pa. Farmers' Assn., 2612 Yale Ave., Camp Hill

Pennsylvania History, Topography, Climate

Pennsylvania, one of the thirteen original states, was settled by William Penn at Upland (now called Chester) in 1682. The grant of the territory west of the Delaware River was made to Penn by the King of England in settlement of a debt of \$80,000 due the estate of Penn's father for services rendered as an Admiral in the English Navy. The English secured this territory from the Dutch in 1664.

The State originally consisted of three counties: Philadelphia, Chester and Bucks. The number was increased by dividing these counties from time to time until the number reached 67. The last county was Lackawanna in 1878.

The State is rectangular in shape and about 302 miles long by 176 wide. It contains 45,215 square miles, or 28,828,000 acres of land area, and is thirty-second in size among the states. It is not quite as large as New York but a little larger than Virginia, and is more than twice as large as New Jersey, Delaware and Maryland put together.

TOPOGRAPHY

Pennsylvania, as is the case in most Atlantic States, has comparatively level lands in the east and is more mountainous in the central and western sections. The elevation of the land varies from less than one hundred feet above sea level in the southeastern part of the State to approximately three thousand feet at the summit of some of the ridges in the Allegheny Mountains.

The Piedmont province, one of three topographic provinces crossing the State, takes in all the land southeast of South Mountain. The second is the Ridge and Valley province in the central section of the State. It is largely mountainous on the west. The topography consists of many long ridges of 1,000 and 1,500 feet high, separating many beautiful and fertile valleys. The largest valleys are the Nittany and the Kishacoquillas. The Allegheny Mountain and Plateau province lies to the west and north of the Ridge and Valley province and covers about two-thirds of the entire area of Pennsylvania. The streams and the valleys of this western section wind in all directions, and the surface is a maze of hills and valleys, quite high in the eastern part of the province but becoming gently rolling in the west.

CLIMATE

Pennsylvania is in that part of the United States having comparatively heavy rainfall. It is heaviest over most of the State during the spring and summer months, just when it will do most good for the growing crops. The State is in the zone of prevailing westerly winds. Throughout most of the State the wind blows chiefly from the northwest in winter and from the southwest during the summer, except when disturbed by storms. Annual precipitation averages 42 inches.

AGRICULTURAL OPPORTUNITIES

Agriculture is one of Pennsylvania's major industries. With manufacturing, mining and other industrial enterprises present in all sections of the State, unexcelled markets for farm products result and the close relationship of agriculture to industrial effort proves mutually beneficial.

Pennsylvania farmers are particularly fortunate in having these many local markets well distributed over the State. The products of the farms are estimated to be within an average distance of 75 miles of the markets in which they are consumed. About one-third of the Nation's population is within overnight trucking distance from the farms of Pennsylvania.

Answering Some Questions on Pennsylvania Farming

Farmers in Pennsylvania raise crops, livestock, and poultry. About one-fourth of their income is from crops, such as corn, wheat, potatoes, apples, etc.

The largest farms in Pennsylvania are: "The Buck and Doe Run Valley Farms," Coatesville, RD 4, with about 11,000 acres in pasture, for feeding cattle brought from Texas; and the 12,000-acre "Milton Hershey Farms," Hershey, Pennsylvania, Dauphin County, where a number of farms are operated under one management.

The farmer improves his soil by using lime, manure, commercial fertilizers, and through soil conservation practices, designed to prevent the soil from washing away during heavy rains.

Few farmers are able to test their own soil. In each county, the county agricultural extension agent will test the soil to see whether or not it needs calcium, and will make this test without charge. If a farmer wants to know how much nitrogen, potash, and phosphorous are in his soil, he submits a sample of soil from his farm to the County Agent, and it is sent to the College of Agriculture at The Pennsylvania State University, where the soil is analyzed. The farmer gets a report which tells him if he needs additional fertilizers. A slight charge is made for this service.

Lancaster County has the largest number of farms, a total of 6,767. The county that has the smallest number is Philadelphia with 50, most of them being vegetable farms.

MOTION PICTURES

Pennsylvania Department of Agriculture
Harrisburg, Pennsylvania

"Beyond Tomorrow"—(Color; released 1962; 16mm, sound; 25 minutes)

Designed to inform both city dwellers and rural residents about the accomplishments of Pennsylvania's soil conservation districts.

Copies scheduled without charge by the State Soil Conservation Commission, Pennsylvania Department of Agriculture, Harrisburg, or local conservation districts.

"Pennsylvania Potatoes"—(Color; released 1961; 16mm, sound; 10 minutes)

The story of potato production and marketing in Pennsylvania, geared especially to the urban dweller or those who have little knowledge of agriculture.

Copies scheduled without charge by Public Information Division, Pennsylvania Department of Agriculture, Harrisburg.

USEFUL FARM BULLETINS

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558	Pennsylvania Weeds
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691	Directory of Information, 1962
	Annual Report of Activities
	Man Is The Steward, <i>The Story of Pennsylvania's Soil Conservation Districts</i>
	It's Your Land, <i>Pennsylvania's Cooperative Soil Survey Program</i>
	Pennsylvania Agricultural Statistics, 1855-1950
	Egg Marketing by Pennsylvania Producers, 1957
CRS-2	Pennsylvania Christmas Tree Survey, 1957
CRS-5	Pennsylvania Potato Production, 1939-1957
CRS-9	Price Movements and Pennsylvania Agriculture
CRS-13	Rates Charged for Custom Work, 1960
CRS-15	Late Spring and Early Fall Freezes

Available after June 1, 1962

CRS-16	Milk Consumption among Pennsylvania School Children
CRS-17	Pennsylvania Crops and Livestock Report, 1961
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**AGRICULTURAL ECONOMICS
AND RURAL SOCIOLOGY**

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- L-375** Fire departments for rural communities
- L-463** Beltsville energy-saving kitchen . . . design No. 2
- F-2104** Protecting log cabins, rustic work, and unseasoned wood from injurious insects in Eastern U. S.
- F-2136** Lightning protection for the farm
- F-2173** Farm fences
- M-764** Farm silos

CANNING—FREEZING—STORING

- G-6** Home canning of meat
- G-10** Home freezing of fruits and vegetables
- G-15** Freezing meat and poultry products for home use
- G-30** Pressure canners—use and care
- G-40** Freezing combination main dishes
- G-48** Home freezers—their selection and use
- G-56** How to make jellies, jams and preserves at home
- G-69** Home care of purchased frozen foods

- G-70** Home freezing of poultry
- F-2125** Making and preserving apple cider

COOKING

- G-1** Family fare . . . food management and recipes
- G-8** Home canning of fruits and vegetables
- G-27** Meat for thrifty meals
- G-33** Root vegetables in everyday meals
- G-35** Ways to cook rabbit
- G-36** Peanut and peanut butter recipes
- G-37** Honey . . . some ways to use it
- G-41** Green vegetables for good eating
- G-43** Money-saving main dishes
- G-45** Turkey on the table the year round
- G-50** Cooking with dried eggs
- G-55** Potatoes in popular ways
- L-278** Tomatoes on your table
- L-312** Apples in appealing ways
- L-326** Dry beans, peas, lentils . . . modern cookery
- L-408** Facts about pasteurization of milk
- F-2075** An American-type cheese . . . how to make it for home use

DAIRYING AND DAIRY CATTLE

- F-1422** Udder diseases of dairy cows
- F-1443** Dairy cattle breeds
- F-2111** Judging and scoring milk
- F-2132** Improving your dairy herd
- F-2153** Feeding dairy cattle

ELECTRICAL EQUIPMENT AND PRACTICES.

- L-377** Lights for more winter eggs
- L-436** Electric water pumps on the farm

- L-445 Electric heating of hotbeds
- L-480 Standby electric power equipment for the farm

FARM MANAGEMENT

- L-307 How much fertilizer shall I use?
- L-335 Farming terraced land
- L-347 Keep your tile drains working
- L-432 Where and how to get a farm: some questions and answers
- L-491 Background on our Nation's agriculture
- F-1045 Laying out fields for tractor plowing
- F-1961 Getting started in farming
- F-2026 Father-son farm operating agreements
- F-2049 Preservative treatment of fence posts and farm timber
- F-2101 Watch your step . . . avoid farm accidents
- F-2107 Defense against radioactive fallout on the farm
- F-2110 Hospitals for rural people
- F-2130 Rope on the farm
- F-2135 What young farm families should know about credit
- F-2136 Lightning protection for the farm
- F-2137 Insurance facts for farmers
- F-2142 Library service for rural people
- F-2150 Safeguard your farm against fire
- F-2156 Safe use and storage of flammable liquids and gases on the farm

FORAGE CROPS

(Diseases, Insects, Marketing)

- L-341 The meadow spittlebug
- F-1740 Vetch culture and uses
- F-2113 Annual lespedezas . . . culture and use

FORESTRY

(Diseases, Insects, Marketing)

- L-244 Community forests for rural people
- L-286 Prevent tanbark deterioration
- F-2068 Chestnut blight and resistant chestnuts
- F-2090 Logging farm wood crops
- F-2158 Chemical control of brush and trees
- M-766 Look to your timber, America

FRUITS

(Diseases, Insects, Marketing)

- L-172 Why fruit trees fail to bear
- L-183 Cankerworms
- L-187 Blight of pears, apples, quinces

- L-227 Home fruit garden in the Northeastern and North Central States

- L-274 Control of apple tree borers
- L-406 Apple hatter rot
- L-407 Dwarf fruit trees: Selection and care
- L-414 Reducing virus and nematode damage to strawberry plants
- F-1560 Preparing strawberries for market
- F-1897 Establishing and managing young apple orchards
- F-2123 Growing American bunch grapes
- F-2140 Strawberry diseases
- F-2160 Growing blackberries
- F-2165 Growing raspberries
- MB-9 Preparing peaches for market

GRAINS

(Diseases, Insects, Marketing)

- L-370 The seed-corn maggot on beans, how to control it
- L-416 Barberry eradication in stem rust control—wheat, oats, barley, rye
- L-425 The rolled-towel seed tester for corn
- L-426 Scab of cereals and how to control it
- L-435 Interseeding legumes in corn
- L-478 Growing grain sorghums
- F-1607 The nematode disease of wheat and rye
- F-1798 Control of common white grubs in cereal and forage crops
- F-1976 Handling and storing soft corn on the farm
- F-2071 You can store grain safely on the farm
- F-2092 Bacterial wilt and Stewarts leaf blight of corn
- F-2095 Buckwheat culture
- F-2115 Culture and varieties of spring-sown oats
- F-2129 Growing soybeans
- F-2143 Irrigating corn in humid regions
- F-2145 Growing rye

HOME MANAGEMENT

- G-49 Detergents for home laundering
- G-58 Shopper's guide to U.S. grades for food
- G-62 Removing stains from fabrics, home methods
- G-68 How to prevent and remove mildew—home methods
- L-398 Leather bookbindings: How to preserve them
- L-442 How to buy eggs by USDA grades and weight classes
- L-454 Making household fabrics flame resistant
- MB-1 How to buy poultry by USDA grades

- MB-12** Know your butter grades
- MB-13** Tips on selecting fruits and vegetables
- MB-15** U. S. grades for beef

INSECTS

(See also under crop or animal attacked)

- G-24** Clothes moths and carpet beetles
- G-28** Ants in the home and garden: how to control them
- G-46** Insects and diseases of vegetables in the home garden
- G-53** Lawn insects: How to control them
- G-61** Lawn diseases: how to control them
- G-67** Insects and related pests of house plants . . . how to control them
- L-324** Soil treatment an aid in termite control
- L-340** The periodical cicada (17-year locust)
- L-364** Chinch bugs
- L-390** The housefly
- L-392** Fleas
- L-403** Chiggers
- L-412** Silverfish and firebrats
- L-430** Cockroaches
- L-443** Clover mites, how to control them around the home
- L-453** How to control bedbugs
- F-2074** American foulbrood of honey bees . . . how to control it
- F-2151** The Japanese beetle . . . how we fight it

LIVESTOCK AND SMALL ANIMALS

(Diseases, Insects, Marketing)

- L-250** Hamster raising
- L-381** Infrared lamps—their use in brooding pigs
- L-388** Horn flies on cattle
- L-395** Automatic livestock waterers
- L-420** Blackleg of cattle
- L-429** The meat-type hog
- L-437** Anaplasmosis in cattle
- L-438** Demodectic mange in cattle
- L-441** Cattle warts
- L-447** Hyperkeratosis of cattle
- L-456** Cattle lice: how to control them
- L-457** Scrapie of sheep
- L-466** Raising guinea pigs
- L-472** Mr. Livestock Producer . . . it pays to use chemicals safely
- L-483** Raising rats and mice for laboratory use
- F-1263** Breeds of swine
- F-1334** Home tanning of leather and small fur skins

- F-1736** Anthrax
- F-1779** Beef cattle breeds for beef and for beef and milk
- F-2088** Infectious anemia (swamp fever)
- F-2126** The farm beef herd
- F-2127** Light horses
- F-2131** Raising rabbits
- F-2138** Slaughtering, cutting and processing pork on the farm
- F-2141** Beef cattle: dehorning, castrating, branding and marking
- F-2152** Lamb and mutton on the farm . . . slaughtering, cutting and processing
- MB-10** Preparing wool for market . . . how to increase profits
- MB-16** How do your hogs grade?

MACHINERY AND OTHER EQUIPMENT

- G-63** Hand sprayers and dusters
- F-2062** How to spray the aircraft way
- F-2128** Hose pump for applying fertilizer solutions
- L-427** Planning farm machinery replacements

NUTRITION

- GS-1** Nutrition up-to-date, up to you
- G-5** Food for the family with young children
- G-13** Food for families with school children
- G-17** Food guide for older folks
- G-57** Getting enough milk
- G-72** Nutritive value of foods
- G-74** Food and your weight
- L-268** Eat a good breakfast . . . to start a good day
- L-424** Food for fitness . . . a daily food guide

ORNAMENTAL PLANTS

(Diseases, Insects)

- G-25** Roses for the home
- G-51** Better lawns
- G-65** Growing chrysanthemums in the home garden
- G-66** Growing iris in the home garden
- G-71** Growing azaleas and rhododendrons
- L-183** Cankerworms
- L-184** The elm-leaf beetle
- L-185** Elm bark beetles
- L-439** Spring-flowering bulbs
- F-1171** Growing annual flowering plants
- F-1855** Culture, diseases, and pests of the box tree
- F-2114** Lupines . . . culture and use

POULTRY

(Diseases, Insects, Marketing)

- L-327** Seven ways to greater egg profit
- L-397** Brooding chicks with infrared lamps
- L-402** Intestinal coccidiosis of chickens
- L-404** Blackhead of turkeys and chickens
- L-415** Tapeworms of poultry
- L-434** Frostproofing water systems in poultry houses
- L-451** Newcastle disease in poultry, how to control it
- L-465** Culling hens
- F-684** Squab raising
- M-728** Houses and equipment for laying hens—for loose housing on litter
- MB-7** Farm poultry . . . processing and marketing

SEWING

- G-11** Fitting coats and suits
- G-20** How to tailor a woman's suit
- G-38** Buying your home sewing machine
- G-39** Mending men's suits
- G-59** Simplified clothing construction
- L-251** Child's self-help overall
- F-1944** Sewing machines, cleaning and adjusting
- F-1964** Fitting dresses
- F-1968** Pattern alteration

SOIL AND WATER CONSERVATION

- L-282** Know your watersheds
- L-294** What is a conservation farm plan?
- L-335** Farming terraced land
- L-342** Contour-furrow irrigation
- L-344** Furrow irrigation
- L-371** Land leveling for irrigation
- L-373** Lespedezas for quail and good land use
- L-374** The multiflora rose for fences and wildlife
- L-452** Replenishing underground water supplies
- L-458** Autumn olive for wildlife and other conservation uses
- L-476** Sprinkler irrigation
- F-2035** Making land produce useful wildlife
- F-2046** Farm drainage
- F-2094** Managing farm fish ponds for bass and bluegills
- F-2124** Liming soils
- F-2154** Trout in farm and ranch ponds
- M-759** Windbreaks in conservation farming

- AB-174** Sediment is your problem: wasted soil and water
- AB-175** More wildlife through soil and water conservation
- AB-223** Grass makes its own food for growth, for forage, for good land use, for soil conservation
- PA-400** Soil conservation tips for sportsmen

TOBACCO

(Diseases, Insects)

- L-405** Aphids on tobacco: how to control them
- F-2159** Irrigating tobacco

VEGETABLE, HERB AND TRUCK GARDENING

(Diseases, Insects, Marketing)

- G-7** Growing vegetables in town and city
- G-9** Suburban and farm vegetable garden
- G-44** Cabbage insects: how to control them in the home garden
- G-46** Insects and diseases of vegetables in the home garden
- L-129** Production and preparation of horseradish
- L-136** Production of parsley
- L-142** Production of turnips and rutabagas
- L-351** Growing eggplant
- L-353** Commercial growing of carrots
- L-360** Growing table beets
- L-361** Golden nematode of potatoes and tomatoes
- L-367** Tomato fruitworm
- L-372** The onion thrips
- L-410** Root crop production for livestock
- L-411** The corn earworm in sweet corn
- L-448** Growing watercress
- F-1059** Sweet potato diseases
- F-1646** Asparagus culture
- F-1743** Hotbeds and coldframes
- F-1875** Mushroom growing
- F-1957** Cauliflower and broccoli varieties and culture
- F-2048** Controlling nematodes in the home garden
- F-2051** Pepper production, disease and insect control
- F-2148** Aphids on leafy vegetables . . . how to control them

WEEDS

- F-2117** Dodder and its control

The following detailed soil survey maps are offered for sale by the Superintendent of Documents, U. S. Government Printing Office, Washington 25, D. C.

Soil Survey—Clarion County, Pennsylvania—Series 1955, No. 1 \$2.50

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Soil Survey—Erie County, Pennsylvania—Series 1957, No. 9 (inquire for price)

Soil Survey—Lancaster County, Pennsylvania—Series 1956, No. 4 \$3.50

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\$3.75

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